Edgar A Poe

From a daguerreotype owned by the Players—a copy made by Pratt, o
Richmond, Va., of an original taken by him and believed
to be the last portrait of Poe

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The Works of

Edgar Allan Poe

Printed on Nelson's India Paper

Complete in three volumes

Vol. I.

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PART I

INTRODUCTION

THE preparation of the only India paper edition of the works of Edgar Allan Poe has been due to a recognition of the preference of many readers for this peculiarly convenient, yet luxurious, form. Together with the tales and poems and important essays, there are presented introductions and notes which, it is believed, will prove of value to the reader without wearying him with an excess of critical or biographical data.

Richard Henry Stoddard, the venerable poet who left us so recently, gives a glimpse of Poe which has a personal value. The biography which follows supplies data sufficient for him who would learn Poe, first of all, from Poe's own works, while those who wish to follow his unhappy life in detail may be referred to the elaborate studies of Woodberry or Harrison. The second volume offers Lowell's contemporary sketch of Poe, the third the tribute of Poe's whilom associate N. P. Willis, and a brief account of the Fordham cottage. The annotation affords some helpful comments, without excess of detail.

It would be out of place to multiply criticisms and biographical comment in this edition, which appears in some 2,000 pages—the most compact and convenient edition, it is believed, which has been offered, and one inviting and permanent as well. The biography of Woodberry, published in 1885, but still a standard, the critical comments of Stedman in his "American Poets" and in the Stedman-Woodberry edition, and, of later years, the "Life and Letters" of Prof. James A. Harrison and the comments of Prof. C. F. Richardson have removed any criticism of the lack of thorough study which might have been urged in some instances when we were dependent upon the early contemporary comments of Griswold, Hirst, and Lowell in the forties, and the works of Mrs. Whitman, Didier, Gill, Ingram, and even Stoddard, later. The present edition is for readers of Poe, and the purpose has been to offer an edition both compact, permanent, and attractive, and also to invest it with a personal character. That is the object of the introductory text, of the reproductions of Poe's own writing, and of the choice of pictures which convey the immediate associations of the author, rather than the imaginings of an illustrator.

"On the roll of our literature," says Prof. Woodberry, in his life of Poe in the "American Men of Letters" Series, "Poe's name is inscribed with the few foremost, and in the world at large his genius is established as valid

among all men. An artist primarily, whose skill, helped by the finest sensitive and perceptive powers in himself, was developed by thought, patience, and endless self-correction into a subtle deftness of hand unsurpassed in its own work, he belonged to the men of culture instead of those of originally perfect power; but being gifted with the dreaming instinct, the myth-making faculty, the allegorizing power, and with no other poetic element of high genius, he exercised his art in a region of vague feeling, symbolic ideas, and fantastic imagery, and wrought his spell largely through sensuous effects of color, sound, and gloom, heightened by lurking but unshaped suggestions of mysterious meanings."

Of Poe's poetry, which is presented in the third volume of this edition, one who is both poet and critic, Edmund Clarence Stedman, has written in his "Poets of America":

"Poe's poetry, as it places us under the spell of the senses, enables us to enter, through their reaction upon the spirit, his indefinable mood; nor should we forget that Coleridge owes his specific rank as a poet, not to his philosophic verse, but to melodious fragments, and greatly to the rhythm of the 'Ancient Mariner' and of 'Christobal.' Poe's melodies lure us to the point where we seem to hear angelic lutes and citherns, or elfin instruments that make music in 'the land east of the sun and west of the moon.' The enchantment may not be that of

Israfel, nor of the harper who exorcised the evil genius of Saul, but it is at least that of some plumed being of the middle air, of a charmer charming so sweetly that his numbers are the burdens of mystic dreams."

MEETINGS WITH POE

BY RICHARD HENRY STODDARD

It was my fortune to come in contact with the unfortunate Edgar Allan Poe in my twenty-first year. Here I must premise that I had already met those who knew him, and was to meet those who had known him before and after. I was scarcely twenty when Wiley and Putnam published "The Raven, and Other Poems." One of my very early friends after Bayard Taylor was Dr. Rufus Wilmot Griswold, from whom I experienced nothing but personal kindness. I knew him before Poe died, was cognisant of his not unfriendly opinion of Poe, and was on terms of boyish intimacy with Mrs. Frances Sargent Osgood. Within a day or two after the death of Edgar Allan, I penned a copy of careless verses ("Miserrimus") which had more success than they deserved. I mention these facts to show that at various times I acquired some knowledge of the author of "The Raven." But before I proceed any further in this direction I must relate in as few words as possible my first and last acquaintance with this highly gifted but ill-balanced man of genius.

I began to write at the time that Poe was edit-

ing the *Broadway Journal*, which was in 1845. Having met a lady who had had some verses published in the *Journal*, my ambition was fired, and I wrote my first poem, "Ode on a Grecian Flute."

Like all early writing, it was crude; but there was promise in it. I worked over it, made a copy of it, and sent it to the editor of the *Broadway Journal*,—I presume with a letter addressed to Edgar Allan Poe, Esq.,—and waited with fear and trembling.

One week, two weeks passed, and it did not appear. Evidently the demand for odes was slack. When I could bear my disappointment no longer I made time to take a long walk, a hot afternoon in June, to the office of the *Broadway Journal*, and asked for Mr. Poe. He was not in.

Might I inquire where he lived? I was directed to a street and a number that I have forgotten, but it was in the eastern part of the city, I think in East Broadway, near Clinton Street —a neighbourhood now given up to sundry of the tribes of Israel. I knocked at the street door, and was presently shown up to Poe's apartments on the second or third floor. He received me with the courtesy habitual with him when he was himself.

I told my errand, and he promised that my ode should be printed next week. I was struck with his polite manner toward me, and with the elegance of his appearance. He was slight and

pale, I saw, with large, luminous eyes, and was dressed in black. When I quitted the room I could not but see Mrs. Poe, who was lying on a bed, apparently asleep. She too was dressed in black, and was pale and wasted.

"Poor lady," I thought; "she is dying of consumption." She never stirred, but her mother came out from the back parlour, and was introduced to me by her courtly nephew. Breathing a benediction upon the three, I stole downstairs, and rambled slowly home.

I bought the next issue of the *Broadway Journal*, but the ode was not in it. It was mentioned, however, as follows:

"To the Author of the Lines on the 'Grecian Flute.' We fear that we have mislaid the poem."

And a week later, this: "We doubt the originality of the 'Grecian Flute,' for the reason that it is too good at some points to be so bad at others. Unless the author can reassure us, we decline it."

I was surprised and indignant. Any one in my situation would have been. Not write that immortal production! why, I knew that I had composed it! I thought then, I thought afterward, and I know now, that Poe was no critic. Of course I called within a few days to authenticate my trifle.

It was a forenoon, and a very hot one, in July. I plodded down from the east side of the town, southwardly, westwardly, through Lewis Street,

Division Street, and Chatham Street, until I reached Clinton Hall, on the southwest corner of Beekman and Nassau streets. It was then past noon, and of course the potent editor of the *Broadway Journal* had gone out to his luncheon, with Briggs, or English, or some other Bohemian with whom he had not yet fallen out.

"Not in, sir," ejaculated the fatuous publisher. I walked away, and cooled myself by wandering in and out of the Park, on that intolerable July afternoon. Returning with my thin blood at fever-heat, I was informed that Poe was in his *sanctum*. He was sitting in a chair asleep, but the publisher awoke him. He was in a morose mood.

"Mr. Poe," I said, "I called to assure you that I *did* write the 'Ode on a Grecian Flute.'"

Poe started, and glared at me, and shouted, "You lie! Get out of here, or I'll throw you out!"

I was more indignant and astounded than before; but I left him, as he desired, and walked slowly home, "chewing the cud of sweet and bitter fancies." I could not understand then why I had been subjected to such an indignity. I think I can now. When I came to consider the matter I was rather flattered than otherwise; for had not the great Poe declared that I did not write the poem, when I knew that I did? What a genius I must be!

Do I blame Poe? The gods forbid! With a race of hardy New England sailors behind me,

and behind him a stock of hard-drinking Marylanders, his father an inefficient player, and his mother a fairly good English actress and vocalist,—who am I, pray, that I should censure anybody?

I had glimpses of Poe afterward in the streets, but we never spoke. The last time that I remember to have seen him was in the afternoon of a dreary autumn day. A heavy shower had come up suddenly, and he was standing under an awning. I had an umbrella, and my impulse was to share it with him on his way home, but something—certainly not unkindness—withheld me. I went on and left him there in the rain, pale, shivering, miserable, the embodiment of his own

> "unhappy master,
> Whom unmerciful disaster
> Followed fast, and followed faster."

There I still see him, and always shall,—poor, penniless, but proud, reliant, dominant. May the gods forgive me! I can never forgive myself.

* * * * *

New York has never been remarkable, I believe, for its love of literary men,—remarkable, that is, as Weimar was in Goethe's day, and as Boston is supposed to be in our own; but when Poe resided in New York there was a perceptible flavour of literature in its society. Its Mrs. Leo Hunters were at home on stated evenings during

the winter months, and among the celebrities whom they enticed to their parlours came Poe and his wife. These evenings are said to have been delightful, but, like many other delightful things, they have left very shadowy recollections in the minds of those who shared them. What is chiefly remembered about Poe is that his manners were refined and pleasing, and his style and scope of conversation that of a gentleman and a scholar. His conversational powers were much dwelt upon by his followers. Mrs. Poe played the part of a silent and admiring listener on these occasions, winning all hearts with her sweet, pale, girlish face.

It was evident to those whose perceptions were sharpened by experience in sick-rooms that she had not long to live, and it was equally evident that her husband was deeply attached to her. Friends and foes alike bore testimony to this bright spot in his character. The natural refinement of his nature drew him toward women, of whom he was a gentle student, and in whose society he delighted. He was lenient to literary women,—more lenient in some cases than strict justice demanded,—so lenient, indeed, in general, that his criticisms upon them had but little critical value. He especially admired the graceful genius of Mrs. Osgood, who recorded her recollections of him in a tender, womanly fashion.

Griswold, who was greatly maligned, was the life-long friend of Edgar Allan. He loaned him moneys when he could ill afford to lose

them; yet to loan was to lose, with Poe. Another friend was Horace Greeley; others were Charles F. Briggs ("Harry Franco"), Thomas Dunn English (whom Poe bitterly but cleverly maligned), George R. Graham, L. A. Godey, John Sartain, Mrs. Kirkland; all men and women most kindly disposed toward this unkindly person, who might have said more truly than Timon—

"I am misanthropos, and hate mankind."

That Griswold was not the enemy of Poe was demonstrated by the fact that he collected and edited his verse and prose for nothing.

Poe's first master in verse was Byron, in prose Charles Brockden Brown, and later Hawthorne.*

* From "Recollections, Personal and Literary," by Richard Henry Stoddard, A. S. Barnes & Co.

When is Rob. Tyler to issue his promised poem?

Have you seen how Benjamin & Taristo have been playing Kilkenny cats with each other? I have always told Galvans that Taristo stole everything, worth reading, which he offered for sale;

What is it about Ingraham? He has done for himself in the opinion of all honest men by his chicaneries.

I am happy to say that Virginius health has slightly improved My spirits are proportionably good. Perhaps all will yet go well Write soon & believe me ever your true friend

Edgar A Poe

LETTER FROM POE TO F. W. THOMAS, ESQ.

EDGAR ALLAN POE

Despite Poe's undisciplined, wayward, and, in the main, somewhat vagabond life, it is easy to understand how it is that this erratic but clever literary craftsman, who was the contemporary of Irving, Hawthorne, Bryant, N. P. Willis, and Fenimore Cooper in the first half of the past century, still keeps his hold upon the public mind and attracts and interests the scholar and student of letters. This gifted American writer, who was among the first of our literary men to reveal unmistakable genius in his work, had not only the poet's warmth and passion, with great technical dexterity in weaving his musical rhymes, but also possessed, in an eminent degree, the art of constructing weird romances and eerie short stories full of imaginative power and enthralling phantasmagoric effects. Naturally artistic in temperament and instinct, his shiftless life, morally frail nature, and tempest-tossed moods made much of his work obviously uneven; while his intellectual acuteness not infrequently overshoots the mark and makes not a little of what he turned out mystically fanciful and at times ghoulish and unwholesomely morbid. His

imaginative power, however, is great, and he had constructive qualities as a writer that enabled him to outline and develop a number of unusually clever and absorbingly interesting stories, many of which have for their theatre of action the mysterious, haunting borderland between the visible and the invisible. Dealing in the main with ghostly realms and with elfin and other uncanny themes, Poe's enchanting power is well-nigh irresistible; and once in his thrall we surrender ourselves helplessly and are led on throughout his curious and often fantastic dreamings and the wonder-weaving of his half-mystic spells.

Poe's personal life is a sad and, in parts, a tragic tale. Much of his work, in both prose and verse, attests this, and indicates the wayward or dreamy moods in which it was for the most part penned. Cast as many of his prose tales are in an atmosphere of gloom, their themes, when they are not whimsical or grotesque, are chiefly wildly weird and sometimes appallingly full of horrors. He seems ever to have been pursued by the phantoms of his imagination, and, shackled by them, to be incapable himself, in both thought and action, of balance and control. Hence the bathos we not infrequently meet with in his work, vivid and powerful as it otherwise is, and original in the art in which it is conceived and ingenious in its construction. In his happier and saner moods, Poe is, on the other hand, a delightful and enter-

taining writer, and this is especially shown in not a little of his higher and familiar verse, which has a peculiar witchery of its own, and delights the reader by "its elfin charm, exquisite fascination, and eerie beauty," as well as by its incomparable grace and melody.

The twofold sides of Poe's nature have been variously presented by his biographers, one class of critics speaking with acrid censoriousness of his selfishnesses and egotistic vanities, and his degenerate life and vagabond character; while another class presents him in quite another aspect, though admitting the abnormal character of his genius, "his inexplicable vagaries, and lapses from rational living." The latter speak of him as an honorable man, courteous and winning in his ways, though given usually to reserve, fond of his loving, invalid wife, and with a grace of manner and dignity of bearing becoming a chivalrous, high-bred, cultivated gentleman. The truth in this complex characterization, we fear, lies between the two portraits, Poe being more accurately described as the victim of his lonely, parentless, and often adverse circumstances, with an inherited tendency to irregular habits, the indulgence in wayward moods, habitually secretive, and at periods holding himself proudly aloof from his kind, and with an undisciplined brooding spirit and sad despairing soul. Poe, in his verse, was obviously given to affectation. He was often a *poseur*, and he had that technical skill and

command of the poet's art which enabled him to present his themes attractively and with notable originality. Though lacking in any serious message for his age and time, what he gave to it were in many cases "veritable masterpieces," very tuneful to the ear, as well as ingeniously conceived and cleverly, and often passionately, expressed. The passion, besides its intensity, was frequently gruesome and at times poignant in its despairing wail. Not a little of his verse, however, is bathed in a melodious, haunting beauty, its notes at times being struck as by seraphic hands, and again, seemingly, by impish or malignant fiends. During frequent periods Poe lived solely by his pen, and in an erratic Bohemian fashion. At such times his vicissitudes were many, and his attached friends, partly from his own fault, were few. It was, however, at such periods that he threw off many of those ingeniously concocted stories and enchaining poems that first brought him fame; while from the former he succeeded in gaining occasional goodly sums as prizes for his work from the enterprising newspapers and magazines of the time. He also added to his income now and then by lecturing, and at times we find him occupying, though only fitfully, the editorial chair. At no period was he known as a successful man, his want of stability and perverse moods making this impossible and ranking him among the host of unfortunates in the field of letters.

This literary conjurer and necromancer has little that is attractive of a personal history to write of. His life's story has but few incidents that one cares to dwell upon, and we get no glimpses of his profiting by the many ignoble experiencies of his wrecked life, or of personal effort put forth by Poe to rise from a lower to a higher and nobler nature. An ingrate he seems to have been to his best friends; while his indulgence in drink deadened his moral susceptibilities, as it shortened his meteoric life, and clouded a naturally brilliant intellect. It was this weakness in the man that, in part, gives a sombreness to much of his otherwise clever and phenomenal work, and led him to write at times in lugubrious tones of his baffled hopes and thwarted ambitions. His work lacks inspiration of the helpful and ennobling order, and is not infrequently that of an ingenious literary artificer, whose designed effects are akin to those of the conjuring hall and the theatrical stage. This, of course, does not apply to all of Poe's literary output, for much of it is genuinely artistic and exemplifies his undoubted genius and his phenomenal intellectual gifts.

The brief facts in Poe's life comprise his birth, at Boston, January 19, 1809, his parents on both sides belonging to the theatrical profession. On his father's side, he claimed descent from an old Italian family long settled in England. His grandfather, David Poe, a distinguished officer in the American Revolution,

it seems, settled early in Maryland, having emigrated to this country in consequence of his marrying a pretty English actress, a step which led to his being disowned by his family. Left an orphan when but three years old, young Edgar was adopted by his godparents, Mr. and Mrs. John Allan, who were well-to-do people of Richmond, Va. At Richmond, Va., and at Stoke Newington, England, the youth received his early education, which was subsequently continued at the University of Virginia. In 1826 he was placed in his godfather's counting-room, but in the following year, owing to differences with his adopted parents, he left home, and under an assumed name served for two years in the United States artillery. In 1830, being for the time reconciled to Mr. John Allan, he entered the United States Military Academy at West Point, but was dismissed from it in the following year on a charge of insubordination and neglect of duty.

Poe now entirely broke away from the Allans, who had treated him with every kindness and indulgence. Entering upon a literary career as author and editor he soon won a name for himself as a writer of clever stories, some of which, such as "The Murders in the Rue Morgue," were translated into French and published at Paris. In 1836 he married his cousin, Virginia Clemm, the "Annabel Lee" of the poem that appeared after her lamented death, in 1847. The latter event Poe felt keenly, for he seems

to have dearly loved his wife, with whom he lived happily, and who appears to have exercised a wholesome restraint upon her erratic and irregular-living husband. After her death, this tragic, forlorn figure in American literature lost his grip upon himself, and though he subsequently wrote much and filled many responsible editorial positions, his addiction to drink increased and his career was henceforth full of vicissitude and failure. The end finally came in 1849, when Poe, after a prolonged debauch and indulgence in opium, fell seriously ill and died in a hospital at Baltimore, Md., in his forty-first year. "Had he possessed a nature commensurate with his intellect," remarks one of his critics, "Poe would have been one of the greatest of the human race. Being what he was, his career was a conflict and a suicide; yet he achieved things that can never be forgotten, and his genius has had neither precedent nor successor."

G. Mercer Adam.

THE UNPARALLELED ADVENTURE OF ONE HANS PFAALL.

> With a heart of furious fancies,
> Whereof I am commander,
> With a burning spear *and a horse of air*,
> To the wilderness I wander.
>
> —*Tom o'Bedlam's Song.*

By late accounts from Rotterdam, that city seems to be in a high state of philosophical excitement. Indeed, phenomena have there occurred of a nature so completely unexpected—so entirely novel—so utterly at variance with preconceived opinions—as to leave no doubt on my mind that long ere this all Europe is in an uproar, all physics in a ferment, all reason and astronomy together by the ears.

It appears that on the ——— day of ———, (I am not positive about the date,) a vast crowd of people, for purposes not specifically mentioned, were assembled in the great square of the Exchange in the well-conditioned city of Rotterdam. The day was warm—unusually so for the season—there was hardly a breath of air stirring; and the multitude were in no bad humor at being now and then besprinkled with friendly showers of momentary duration, that fell from large white masses of cloud profusely

distributed about the blue vault of the firmament. Nevertheless, about noon, a slight but remarkable agitation became apparent in the assembly: the clattering of ten thousand tongues succeeded; and, in an instant afterward, ten thousand faces were upturned toward the heavens, ten thousand pipes descended simultaneously from the corners of ten thousand mouths, and a shout, which could be compared to nothing but the roaring of Niagara, resounded long, loudly, and furiously, through all the city and through all the environs of Rotterdam.

The origin of this hubbub soon became sufficiently evident. From behind the huge bulk of one of those sharply defined masses of cloud already mentioned, was seen slowly to emerge into an open area of blue space, a queer, heterogeneous, but apparently solid substance, so oddly shaped, so whimsically put together, as not to be in any manner comprehended, and never to be sufficiently admired, by the host of sturdy burghers who stood open-mouthed below. What could it be? In the name of all the devils in Rotterdam, what could it possibly portend? No one knew; no one could imagine; no one—not even the burgomaster Mynheer Superbus Von Underduk—had the slightest clew by which to unravel the mystery; so, as nothing more reasonable could be done, every one to a man replaced his pipe carefully in the corner of his mouth, and maintaining an eye

steadily upon the phenomenon, puffed, paused, waddled about, and grunted significantly—then waddled back, grunted, paused, and finally—puffed again.

In the meantime, however, lower and still lower toward the goodly city, came the object of so much curiosity, and the cause of so much smoke. In a very few minutes it arrived near enough to be accurately discerned. It appeared to be—yes! it *was* undoubtedly a species of balloon; but surely no *such* balloon had ever been seen in Rotterdam before. For who, let me ask, ever heard of a balloon manufactured entirely of dirty newspapers? No man in Holland certainly; yet here, under the very noses of the people, or rather at some distance *above* their noses was the identical thing in question, and composed, I have it on the best authority, of the precise material which no one had ever before known to be used for a similar purpose. It was an egregious insult to the good sense of the burghers of Rotterdam. As to the shape of the phenomenon, it was even still more reprehensible. Being little or nothing better than a huge fool's-cap turned upside down. And this similitude was regarded as by no means lessened when, upon nearer inspection, the crowd saw a large tassel depending from its apex, and, around the upper rim or base of the cone, a circle of little instruments, resembling sheep-bells, which kept up a continual tinkling to the tune of Betty Martin. But still worse.

—Suspended by blue ribbons to the end of this fantastic machine, there hung, by way of car, an enormous drab beaver hat, with a brim superlatively broad, and a hemispherical crown with a black band and a silver buckle. It is, however, somewhat remarkable that many citizens of Rotterdam swore to having seen the same hat repeatedly before; and indeed the whole assembly seemed to regard it with eyes of familiarity; while the vrow Grettel Pfaall, upon sight of it, uttered an exclamation of joyful surprise, and declared it to be the identical hat of her good man himself. Now this was a circumstance the more to be observed, as Pfaall, with three companions, had actually disappeared from Rotterdam about five years before, in a very sudden and unaccountable manner, and up to the date of this narrative all attempts at obtaining intelligence concerning them had failed. To be sure, some bones which were thought to be human, mixed up with a quantity of odd-looking rubbish, had been lately discovered in a retired situation to the east of the city; and some people went so far as to imagine that in this spot a foul murder had been committed, and that the sufferers were in all probability Hans Pfaall and his associates. But to return.

The balloon (for such no doubt it was) had now descended to within a hundred feet of the earth, allowing the crowd below a sufficiently distinct view of the person of its occupant.

This was in truth a very singular somebody. He could not have been more than two feet in height; but this altitude, little as it was, would have been sufficient to destroy his *equilibrium,* and tilt him over the edge of his tiny car, but for the intervention of a circular rim reaching as high as the breast, and rigged on to the cords of the balloon. The body of the little man was more than proportionally broad, giving to his entire figure a rotundity highly absurd. His feet, of course, could not be seen at all. His hands were enormously large. His hair was gray, and collected into a *queue* behind. His nose was prodigiously long, crooked, and inflammatory; his eyes full, brilliant, and acute; his chin and cheeks, although wrinkled with age, were broad, puffy, and double; but of ears of any kind there was not a semblance to be discovered upon any portion of his head. This odd little gentleman was dressed in a loose surtout of sky-blue satin, with tight breeches to match, fastened with silver buckles at the knees. His vest was of some bright yellow material; a white taffety cap was set jauntily on one side of his head; and, to complete his equipment, a blood-red silk handkerchief enveloped his throat, and fell down, in a dainty manner, upon his bosom, in a fantastic bow-knot of super-eminent dimensions.

Having descended, as I said before, to about one hundred feet from the surface of the earth, the little old gentleman was suddenly seized

with a fit of trepidation, and appeared disinclined to make any nearer approach to *terra firma*. Throwing out, therefore, a quantity of sand from a canvas bag, which he lifted with great difficulty, he became stationary in an instant. He then proceeded, in a hurried and agitated manner, to extract from a side-pocket in his surtout a large morocco pocket-book. This he poised suspiciously in his hand, then eyed it with an air of extreme surprise, and was evidently astonished at its weight. He at length opened it, and drawing therefrom a huge letter sealed with red sealing-wax and tied carefully with red tape, let it fall precisely at the feet of the burgomaster, Superbus Von Underduk. His Excellency stooped to take it up. But the aëronaut, still greatly discomposed, and having apparently no further business to detain him in Rotterdam, began at this moment to make busy preparations for departure; and it being necessary to discharge a portion of ballast to enable him to reascend, the half dozen bags which he threw out, one after another, without taking the trouble to empty their contents, tumbled, every one of them, most unfortunately upon the back of the burgomaster, and rolled him over and over no less than half a dozen times, in the face of every individual in Rotterdam. It is not to be supposed, however, that the great Underduk suffered this impertinence on the part of the little old man to pass off with impunity. It is said, on the contrary,

that during each of his half dozen circumvolutions he emitted no less than half a dozen distinct and furious whiffs from his pipe, to which he held fast the whole time with all his might, and to which he intends holding fast (God willing) until the day of his decease.

In the meantime the balloon arose like a lark, and, soaring far away above the city, at length drifted quietly behind a cloud similar to that from which it had so oddly emerged, and was thus lost forever to the wondering eyes of the good citizens of Rotterdam. All attention was now directed to the letter, the descent of which, and the consequences attending thereupon, had proved so fatally subversive of both person and personal dignity to his Excellency, Von Underduk. That functionary, however, had not failed, during his circumgyratory movements, to bestow a thought upon the important object of securing the epistle, which was seen, upon inspection, to have fallen into the most proper hands, being actually addressed to himself and Professor Rubadub, in their official capacities of President and Vice-President of the Rotterdam College of Astronomy. It was accordingly opened by those dignitaries upon the spot, and found to contain the following extraordinary, and indeed very serious, communication:—

"To their Excellencies Von Underduk and Rubadub, President and Vice-President of

the States' College of Astronomers, in the city of Rotterdam.

"Your Excellencies may perhaps be able to remember an humble artizan, by name Hans Pfaall, and by occupation a mender of bellows, who, with three others, disappeared from Rotterdam, about five years ago, in a manner which must have been considered unaccountable. If, however, it so please your Excellencies, I, the writer of this communication, am the identical Hans Pfaall himself. It is well known to most of my fellow-citizens, that for the period of forty years I continued to occupy the little square brick building, at the head of the alley called Sauerkraut, in which I resided at the time of my disappearance. My ancestors have also resided therein time out of mind—they, as well as myself, steadily following the respectable and indeed lucrative profession of mending of bellows: for, to speak the truth, until of late years, that the heads of all the people have been set agog with politics, no better business than my own could an honest citizen of Rotterdam either desire or deserve. Credit was good, employment was never wanting, and there was no lack of either money or good-will. But, as I was saying, we soon began to feel the effects of liberty and long speeches, and radicalism, and all that sort of thing. People who were formerly the best customers in the world, had now not a moment of time to think of us at

all. They had as much as they could do to read about the revolutions, and keep up with the march of intellect and the spirit of the age. If a fire wanted fanning, it could readily be fanned with a newspaper; and as the government grew weaker, I have no doubt that leather and iron acquired durability in proportion—for, in a very short time, there was not a pair of bellows in all Rotterdam that ever stood in need of a stitch or required the assistance of a hammer. This was a state of things not to be endured. I soon grew as poor as a rat, and, having a wife and children to provide for, my burdens at length became intolerable, and I spent hour after hour in reflecting upon the most convenient method of putting an end to my life. Duns, in the meantime, left me little leisure for contemplation. My house was literally besieged from morning till night. There were three fellows in particular who worried me beyond endurance, keeping watch continually about my door, and threatening me with the law. Upon these three I vowed the bitterest revenge, if ever I should be so happy as to get them within my clutches; and I believe nothing in the world but the pleasure of this anticipation prevented me from putting my plan of suicide into immediate execution, by blowing my brains out with a blunderbuss. I thought it best, however, to dissemble my wrath, and to treat them with promises and fair words, un-

til, by some good turn of fate, an opportunity of vengeance should be afforded me.

"One day, having given them the slip, and feeling more than usually dejected, I continued for a long time to wander about the most obscure streets without object, until at length I chanced to stumble against the corner of a bookseller's stall. Seeing a chair close at hand, for the use of customers, I threw myself doggedly into it, and, hardly knowing why, opened the pages of the first volume which came within my reach. It proved to be a small pamphlet treatise on Speculative Astronomy, written either by Professor Encke of Berlin or by a Frenchman of somewhat similar name. I had some little tincture of information on matters of this nature, and soon became more and more absorbed in the contents of the book—reading it actually through twice before I awoke to a recollection of what was passing around me. By this time it began to grow dark, and I directed my steps toward home. But the treatise (in conjunction with a discovery in pneumatics, lately communicated to me as an important secret, by a cousin from Nantz) had made an indelible impression on my mind, and, as I sauntered along the dusky streets, I revolved carefully over in my memory the wild and sometimes unintelligible reasonings of the writer. There are some particular passages which affected my imagination in an extraordinary manner. The longer I meditated upon these,

the more intense grew the interest which had been excited within me. The limited nature of my education in general, and more especially my ignorance on subjects connected with natural philosophy, so far from rendering me diffident of my own ability to comprehend what I had read, or inducing me to mistrust the many vague notions which had arisen in consequence, merely served as a farther stimulus to imagination; and I was vain enough, or perhaps reasonable enough, to doubt whether those crude ideas which, arising in ill-regulated minds, have all the appearance, may not often in effect possess all the force, the reality, and other inherent properties, of instinct or intuition.

"It was late when I reached home, and I went immediately to bed. My mind, however, was too much occupied to sleep, and I lay the whole night buried in meditation. Arising early in the morning, I repaired eagerly to the bookseller's stall, and laid out what little ready money I possessed, in the purchase of some volumes of Mechanics and Practical Astronomy. Having arrived at home safely with these, I devoted every spare moment to their perusal, and soon made such proficiency in studies of this nature as I thought sufficient for the execution of a certain design with which either the Devil or my better genius had inspired me. In the intervals of this period, I made every endeavor to conciliate the three creditors who

had given me so much annoyance. In this I finally succeeded—partly by selling enough of my household furniture to satisfy a moiety of their claim, and partly by a promise of paying the balance upon completion of a little project which I told them I had in view, and for assistance in which I solicited their services. By these means (for they were ignorant men) I found little difficulty in gaining them over to my purpose.

"Matters being thus arranged, I contrived, by the aid of my wife and with the greatest secrecy and caution, to dispose of what property I had remaining, and to borrow, in small sums, under various pretences, and without giving any attention (I am ashamed to say) to my future means of repayment, no inconsiderable quantity of ready money. With the means thus accruing I proceeded to procure at intervals, cambric muslin, very fine, in pieces of twelve yards each; twine; a lot of the varnish of caoutchouc; a large and deep basket of wicker-work, made to order; and several other articles necessary in the construction and equipment of a balloon of extraordinary dimensions. This I directed my wife to make up as soon as possible, and gave her all requisite information as to the particular method of proceeding. In the meantime I worked up the twine into network of sufficient dimensions; rigged it with a hoop and the necessary cords; and made purchase of numerous instruments and materials

for experiment in the upper regions of the upper atmosphere. I then took opportunities of conveying by night, to a retired situation east of Rotterdam, five iron-bound casks, to contain about fifty gallons each, and one of a larger size; six tin tubes, three inches in diameter, properly shaped, and ten feet in length; a quantity of a *particular metallic substance, or semi-metal*, which I shall not name, and a dozen demijohns of *a very common acid*. The gas to be formed from these latter materials is a gas never yet generated by any other person than myself—or at least never applied to any similar purpose. I can only venture to say here, that it is *a constituent of azote*, so long considered irreducible, and that its density is about 37.4 times *less than that of hydrogen*. It is tasteless, but not odorless; burns, when pure, with a greenish flame; and is instantaneously fatal to animal life. Its full secret I would make no difficulty in disclosing, but that it of right belongs (as I have before hinted) to a citizen of Nantz, in France, by whom it was conditionally communicated to myself. The same individual submitted to me, without being at all aware of my intentions, a method of constructing balloons from the membrane of a certain animal, through which substance any escape of gas was nearly an impossibility. I found it however altogether too expensive, and was not sure, upon the whole, whether cambric muslin with a coating of gum caoutchouc, was

not equally as good. I mention this circumstance, because I think it probable that hereafter the individual in question may attempt a balloon ascension with the novel gas and material I have spoken of, and I do not wish to deprive him of the honor of a very singular invention.

"On the spot which I intended each of the smaller casks to occupy respectively during the inflation of the balloon, I privately dug a small hole: the holes forming in this manner a circle twenty-five feet in diameter. In the centre of this circle, being the station designed for the large cask, I also dug a hole of greater depth. In each of the five smaller holes, I deposited a canister containing fifty pounds, and in the larger one a keg holding one hundred and fifty pounds, of cannon powder. These—the keg and canisters—I connected in a proper manner with covered trains; and having let into one of the canisters the end of about four feet of slow-match, I covered up the hole, and placed the cask over it, leaving the other end of the match protruding about an inch, and barely visible beyond the cask. I then filled up the remaining holes, and placed the barrels over them in their destined situation!

"Besides the articles above enumerated, I conveyed to the *dépôt*, and there secreted, one of M. Grimm's improvements upon the apparatus for condensation of the atmospheric air. I found this machine, however, to require

considerable alteration before it could be adapted to the purposes to which I intended making it applicable. But, with severe labor and unremitting perseverance, I at length met with entire success in all my preparations. My balloon was soon completed. It would contain more than forty thousand cubic feet of gas; would take me up easily, I calculated, with all my implements, and, if I managed rightly, with one hundred and seventy-five pounds of ballast into the bargain. It had received three coats of varnish, and I found the cambric muslin to answer all the purposes of silk itself, being quite as strong and a good deal less expensive.

"Every thing being now ready, I exacted from my wife an oath of secrecy in relation to all my actions from the day of my first visit to the bookseller's stall; and promising, on my part, to return as soon as circumstances would permit, I gave her what little money I had left, and bade her farewell. Indeed I had no fear on her account. She was what people call a notable woman, and could manage matters in the world without my assistance. I believe, to tell the truth, she always looked upon me as an idle body—a mere make-weight—good for nothing but building castles in the air,—and was rather glad to get rid of me. It was a dark night when I bade her good-bye, and taking with me, as *aides-de-camp,* the three creditors who had given me so much trouble, we carried the balloon, with the car and accoutrements, by

a roundabout way, to the station where the other articles were deposited. We there found them all unmolested, and I proceeded immediately to business.

"It was the first of April. The night, as I said before, was dark; there was not a star to be seen; and a drizzling rain, falling at intervals, rendered us very uncomfortable. But my chief anxiety was concerning the balloon, which, in spite of the varnish with which it was defended, began to grow rather heavy with the moisture; the powder also was liable to damage. I therefore kept my three dums working with great dilligence, pounding down ice around the central cask, and stirring the acid in the others. They did not cease, however, importuning me with questions as to what I intended to do with all this apparatus, and expressed much dissatisfaction at the terrible labor I made them undergo. They could not perceive (so they said) what good was likely to result from their getting wet to the skin, merely to take a part in such horrible incantations. I began to get uneasy, and worked away with all my might, for I verily believe the idiots supposed that I had entered into a compact with the Devil, and that, in short, what I was now doing was nothing better than it should be. I was, therefore, in great fear of their leaving me altogether. I contrived, however, to pacify them by promises of payment of all scores in full, as soon as I could bring the present business to a termina-

tion. To these speeches they gave, of course, their own interpretation; fancying, no doubt, that at all events I should come into possession of vast quantities of ready money; and provided I paid them all I owed, and a trifle more, in consideration of their services, I dare say they cared very little what became of either my soul or my carcass.

"In about four hours and a half I found the balloon sufficiently inflated. I attached the car, therefore, and put all my implements in it: a telescope, a barometer, with some important modifications; a thermometer; an electrometer; a compass; a magnetic needle; a seconds watch; a bell; a speaking-trumpet, etc., etc., etc.: also a globe of glass, exhausted of air, and carefully closed with a stopper,—not forgetting the condensing apparatus, some unslacked lime, a stick of sealing-wax, a copious supply of water, and a large quantity of provisions, such as pemmican, in which much nutriment is contained in comparatively little bulk. I also secured in the car a pair of pigeons and a cat.

"It was now nearly daybreak, and I thought it high time to take my departure. Dropping a lighted cigar on the ground, as if by accident, I took the opportunity, in stooping to pick it up, of igniting privately the piece of slow-match, the end of which, as I said before, protruded a little beyond the lower rim of one of the smaller casks. This manœuvre was totally unperceived

on the part of the three duns; and, jumping into the car, I immediately cut the single cord which held me to the earth, and was pleased to find that I shot upward with inconceivable rapidity, carrying with all ease one hundred and seventy-five pounds of leaden ballast, and able to have carried up as many more. As I left the earth, the barometer stood at thirty inches, and the centigrade thermometer at 19°.

"Scarcely, however, had I attained the height of fifty yards, when, roaring and rumbling up after me in the most tumultuous and terrible manner, came so dense a hurricane of fire, and gravel, and burning wood, and blazing metal, and mangled limbs, that my very heart sunk within me, and I fell down in the bottom of the car, trembling with terror. Indeed, I now perceived that I had entirely overdone the business, and that the main consequences of the shock were yet to be experienced. Accordingly, in less than a second, I felt all the blood in my body rushing to my temples, and immediately thereupon, a concussion, which I shall never forget, burst abruptly through the night, and seemed to rip the very firmament asunder. When I afterward had time for reflection, I did not fail to attribute the extreme violence of the explosion, as regarded myself, to its proper cause—my situation directly above it, and in the line of its greatest power. But at the time, I thought only of preserving my life. The balloon at first collapsed, then furiously expanded,

then whirled round and round with sickening velocity, and finally, reeling and staggering like a drunken man, hurled me over the rim of the car, and left me dangling, at a terrific height, with my head downward, and my face outward, by a piece of slender cord about three feet in length, which hung accidentally through a crevice near the bottom of the wicker-work, and in which, as I fell, my left foot became most providentially entangled. It is impossible—utterly impossible—to form any adequate idea of the horror of my situation. I gasped convulsively for breath—a shudder resembling a fit of the ague agitated every nerve and muscle in my frame—I felt my eyes starting from their sockets—a horrible nausea overwhelmed me—and at length I lost all consciousness in a swoon.

"How long I remained in this state it is impossible to say. It must, however, have been no inconsiderable time, for when I partially recovered the sense of existence, I found the day breaking, the balloon at a prodigious height over a wilderness of ocean, and not a trace of land to be discovered far and wide within the limits of the vast horizon. My sensations, however, upon thus recovering, were by no means so replete with agony as might have been anticipated. Indeed, there was much of madness in the calm survey which I began to take of my situation. I drew up to my eyes each of my hands, one after the other, and wondered what occurrence could have given

rise to the swelling of the veins, and the horrible blackness of the finger-nails. I afterward carefully examined my head, shaking it repeatedly, and feeling it with minute attention, until I succeeded in satisfying myself that it was not, as I had more than half suspected, larger than my balloon. Then, in a knowing manner, I felt in both by breeches pockets, and, missing therefrom a set of tablets and a tooth-pick case, endeavored to account for their disappearance, and not being able to do so, felt inexpressibly chagrined. It now occurred to me that I suffered great uneasiness in the joint of my left ankle, and a dim consciousness of my situation began to glimmer through my mind. But, strange to say! I was neither astonished nor horror-stricken. If I felt any emotion at all, it was a kind of chuckling satisfaction at the cleverness I was about to display in extricating myself from this dilemma: and never, for a moment, did I look upon my ultimate safety as a question susceptible of doubt. For a few minutes I remained wrapped in the profoundest meditation. I have a distinct recollection of frequently compressing my lips, putting my fore-finger to the side of my nose, and making use of other gesticulations and grimaces common to men who, at ease in their arm-chairs, meditate upon matters of intricacy or importance. Having, as I thought, sufficiently collected my ideas, I now, with great caution and deliberation, put my hands behind

my back, and unfastened the large iron buckle which belonged to the waistband of my pantaloons. This buckle had three teeth, which, being somewhat rusty, turned with great difficulty on their axis. I brought them, however, after some trouble, at right angles to the body of the buckle, and was glad to find them remain firm in that position. Holding within my teeth the instrument thus obtained, I now proceeded to untie the knot of my cravat. I had to rest several times before I could accomplish this manœuvre; but it was at length accomplished. To one end of the cravat I then made fast the buckle, and the other end I tied, for greater security, tightly around my wrist. Drawing now my body upward, with a prodigious exertion of muscular force, I succeeded, at the very first trial, in throwing the buckle over the car, and entangling it, as I had anticipated, in the circular rim of the wicker-work.

"My body was now inclined toward the side of the car, at an angle of about forty-five degrees; but it must not be understood that I was therefore only forty-five degrees below the perpendicular. So far from it, I still lay nearly level with the plane of the horizon; for the change of situation which I had acquired, had forced the bottom of the car considerably outward from my position, which was accordingly one of the most imminent peril. It should be remembered, however, that when I fell, in the first instance, from the car, if I had fallen with

my face turned toward the balloon, instead of turned outwardly from it, as it actually was; or if, in the second place, the cord by which I was suspended had chanced to hang over the upper edge, instead of through a crevice near the bottom of the car,—I say it may readily be conceived that, in either of these supposed cases, I should have been unable to accomplish even as much as I had now accomplished, and the disclosures now made would have been utterly lost to posterity. I had therefore every reason to be grateful; although, in point of fact, I was still too stupid to be any thing at all, and hung for, perhaps, a quarter of an hour, in that extraordinary manner, without making the slightest farther exertion, and in a singularly tranquil state of idiotic enjoyment. But this feeling did not fail to die rapidly away, and thereunto succeeded horror, and dismay, and a sense of utter helplessness and ruin. In fact, the blood so long accumulating in the vessels of my head and throat, and which had hitherto buoyed up my spirits with delirium, had now begun to retire within their proper channels, and the distinctness which was thus added to my perception of the danger, merely served to deprive me of the self-possession and courage to encounter it. But this weakness was, luckily for me, of no very long duration. In good time came to my rescue the spirit of despair, and, with frantic cries and struggles, I jerked my way bodily upward, till at length, clutching

with a vise-like grip the long-desired rim, I writhed my person over it, and fell headlong and shuddering within the car.

"It was not until some time afterward that I recovered myself sufficiently to attend to the ordinary cares of the balloon. I then, however, examined it with attention, and found it, to my great relief, uninjured. My implements were all safe, and, fortunately, I had lost neither ballast nor provisions. Indeed, I had so well secured them in their places, that such an accident was entirely out of the question. Looking at my watch, I found it six o'clock. I was still rapidly ascending, and the barometer gave a present altitude of three and three-quarter miles. Immediately beneath me in the ocean, lay a small black object, slightly oblong in shape, seemingly about the size of a domino, and in every respect bearing a great resemblance to one of those toys. Bringing my telescope to bear upon it, I plainly discerned it to be a British ninety-four-gun ship, close-hauled, and pitching heavily in the sea with her head to the W. S. W. Besides this ship, I saw nothing but the ocean and the sky, and the sun, which had long arisen.

"It is now high time that I should explain to your Excellencies the object of my voyage. Your Excellencies will bear in mind that distressed circumstances in Rotterdam had at length driven me to the resolution of committing suicide. It was not, however, that to life

itself I had any positive disgust, but that I was harassed beyond endurance by the adventitious miseries attending my situation. In this state of mind, wishing to live, yet wearied with life, the treatise at the stall of the bookseller, backed by the opportune discovery of my cousin of Nantz, opened a resource to my imagination. I then finally made up my mind. I determined to depart, yet live—to leave the world, yet continue to exist—in short, to drop enigmas, I resolved, let what would ensue, to force a passage, if I could, *to the moon*. Now, lest I should be supposed more of a madman than I actually am, I will detail, as well as I am able, the considerations which led me to believe that an achievement of this nature, although without doubt difficult, and full of danger, was not absolutely, to a bold spirit, beyond the confines of the possible.

"The moon's actual distance from the earth was the first thing to be attended to. Now, the mean or average interval between the *centres* of the two planets is 59.9643 of the earth's equatorial *radii*, or only about 237,000 miles. I say the mean or average interval, but it must be borne in mind that the form of the moon's orbit being an ellipse of eccentricity amounting to no less than 0.05484 of the major semi-axis of the ellipse itself, and the earth's centre being situated in its focus, if I could, in any manner, contrive to meet the moon in its perigee, the above mentioned distance would be ma-

terially diminished. But, to say nothing at present of this possibility, it was very certain that, at all events, from the 237,000 miles I would have to deduct the *radius* of the earth, say 4,000, and the radius of the moon, say 1,080, in all 5,080, leaving an actual interval to be traversed, under average circumstances, of 231,920 miles. Now this, I reflected, was no very extraordinary distance. Travelling on the land has been repeatedly accomplished at the rate of sixty miles per hour; and indeed a much greater speed may be anticipated. But even at this velocity, it would take me no more than 161 days to reach the surface of the moon. There were, however, many particulars inducing me to believe that my average rate of travelling might possibly very much exceed that of sixty miles per hour, and, as these considerations did not fail to make a deep impression upon my mind, I will mention them more fully hereafter.

"The next point to be regarded was one of far greater importance. From indications afforded by the barometer, we find that, in ascensions from the surface of the earth we have, at the height of 1,000 feet, left below us about one-thirtieth of the entire mass of atmospheric air; that at 10,600 we have ascended through nearly one-third; and that at 18,000, which is not far from the elevation of Cotopaxi, we have surmounted one-half the material, or, at all events, one-half the *ponderable,* body

of air incumbent upon our globe. It is also calculated that at an altitude not exceeding the hundredth part of the earth's diameter—that is, not exceeding eighty miles—the rarefaction would be so excessive that animal life could in no manner be sustained, and, moreover, that the most delicate means we possess of ascertaining the presence of the atmosphere would be inadequate to assure us of its existence. But I did not fail to perceive that these latter calculations are founded altogether on our experimental knowledge of the properties of air, and the mechanical laws regulating its dilation and compression, in what may be called, comparatively speaking, *the immediate vicinity* of the earth itself; and, at the same time, it is taken for granted that animal life is and must be essentially *incapable of modification* at any given unattainable distance from the surface. Now, all such reasoning and from such *data* must, of course, be simply analogical. The greatest height ever reached by man was that of 25,000 feet, attained in the aëronautic expedition of Messieurs Gay-Lussac and Biot. This is a moderate altitude, even when compared with the eighty miles in question; and I could not help thinking that the subject admitted room for doubt and great latitude for speculation.

"But, in point of fact, an ascension being made to any given altitude, the ponderable quantity of air surmounted in any *farther* ascension is by no means in proportion to the ad-

ditional height ascended (as may be plainly seen from what has been stated before), but in a *ratio* constantly decreasing. It is therefore evident that, ascend as high as we may, we cannot, literally speaking, arrive at a limit beyond which *no* atmosphere is to be found. It *must exist*, I argued; although it *may* exist in a state of infinite rarefaction.

"On the other hand, I was aware that arguments have not been wanting to prove the existence of a real and definite limit to the atmosphere, beyond which there is absolutely no air whatsoever. But a circumstance which has been left out of view by those who contend for such a limit, seemed to me, although no positive refutation of their creed, still a point worthy very serious investigation. On comparing the intervals between the successive arrivals of Encke's comet at its perihelion, after giving credit, in the most exact manner, for all the disturbances due to the attractions of the planets, it appears that the periods are gradually diminishing; that is to say, the major axis of the comet's ellipse is growing shorter, in a slow but perfectly regular decrease. Now, this is precisely what ought to be the case, if we suppose a resistance experienced from the comet from an extremely *rare ethereal medium* pervading the regions of its orbit. For it is evident that such a medium must, in retarding the comet's velocity, increase its centripetal, by weakening its centrifugal, force. In other

words, the sun's attraction would be constantly attaining greater power, and the comet would be drawn nearer at every revolution. Indeed, there is no other way of accounting for the variation in question. But again:—The real diameter of the same comet's nebulosity is observed to contract rapidly as it approaches the sun, and dilate with equal rapidity in its departure towards its aphelion. Was I not justifiable in supposing, with M. Valz, that this apparent condensation of volume has its origin in the compression of the same ethereal medium I have spoken of before, and which is dense in proportion to its vicinity to the sun? The lenticular-shaped phenomenon, also called the zodiacal light, was a matter worthy of attention. This radiance, so apparent in the tropics, and which cannot be mistaken for any meteoric lustre, extends from the horizon obliquely upward, and follows generally the direction of the sun's equator. It appeared to me evidently in the nature of a rare atmosphere extending from the sun outward, beyond the orbit of Venus at least, and I believed indefinitely farther.* Indeed, this medium I could not suppose confined to the path of the comet's ellipse, or to the immediate neighborhood of the sun. It was easy, on the contrary, to imagine it pervading the entire regions of our planetary system, condensed into what we call atmosphere

* The zodiacal light is probably what the ancients called Trabes. *Emicant Trabes quos docos vocant.*—Pliny lib. 2, p. 26.

at the planets themselves, and perhaps at some of them modified by considerations purely geological; that is to say, modified, or varied in its proportions (or absolute nature) by matters volatilized from the respective orbs.

"Having adopted this view of the subject, I had little farther hesitation. Granting that on my passage I should meet with atmosphere *essentially* the same as at the surface of the earth, I conceived that, by means of the very ingenious apparatus of M. Grimm, I should readily be enabled to condense it in sufficient quantity for the purposes of respiration. This would remove the chief obstacle in a journey to the moon. I had indeed spent some money and great labor in adapting the apparatus to the object intended, and confidently looked forward to its successful application, if I could manage to complete the voyage within any reasonable period. This brings me back to the *rate* at which it would be possible to travel.

"It is true that balloons, in the first stage of their ascensions from the earth, are known to rise with a velocity comparatively moderate. Now, the power of elevation lies altogether in the superior gravity of the atmospheric air compared with the gas in the balloon; and, at first sight, it does not appear probable that, as the balloon acquires altitude, and consequently arrives successively in atmospheric *strata* of densities rapidly diminishing—I say, it does not appear at all reasonable that, in this its

progress upward, the original velocity should be accelerated. On the other hand, I was not aware that, in any recorded ascension, a *diminution* had been proved to be apparent in the absolute rate of ascent; although such should have been the case, if on account of nothing else, on account of the escape of gas through balloons ill-constructed, and varnished with no better material than the ordinary varnish. It seemed, therefore, that the effect of such escape was only sufficient to counterbalance the effect of the acceleration attained in the diminishing of the balloon's distance from the gravitating centre. I now considered that, provided in my passage I found the *medium* I had imagined, and provided that it should prove to be *essentially* what we denominate atmospheric air, it could make comparatively little difference at what extreme state of rarefaction I should discover it—that is to say, in regard to my power of ascending—for the gas in the balloon would not only be itself subject to similar rarefaction (in proportion to the occurrence of which, I could suffer an escape of so much as would be requisite to prevent explosion), but, *being what it was*, would, at all events, continue specifically lighter than any compound whatever of mere nitrogen and oxygen. Thus there was a chance —in fact there was a strong probability—that, *at no epoch of my ascent, I should reach a point where the united weights of my immense balloon, the inconceivably rare gas within it, the*

car, and its contents, should equal the weight of the mass of the surrounding atmosphere displaced; and this will be readily understood as the sole condition upon which my upward flight would be arrested. But, if this point were even attained, I could dispense with ballast and other weight to the amount of nearly three hundred pounds. In the meantime, the force of gravitation would be constantly diminishing, in proportion to the squares of the distances, and so, with a velocity prodigiously accelerating, I should at length arrive in those distant regions where the force of the earth's attraction would be superseded by that of the moon.

"There was another difficulty, however, which occasioned me some little disquietude. It has been observed, that, in balloon ascensions to any considerable height, besides the pain attending respiration, great uneasiness is experienced about the head and body, often accompanied with bleeding at the nose, and other symptoms of an alarming kind, and growing more and more inconvenient in proportion to the altitude attained.* This was a reflection of a nature somewhat startling. Was it not probable that these symptoms would increase until terminated by death itself? I finally thought not. Their origin was to be looked

* Since the original publication of Hans Pfaall, I find that Mr. Green, of Nassau-balloon notoriety, and other late aëronauts, deny the assertions of Humboldt, in this respect, and speak of a *decreasing* inconvenience,--precisely in accordance with the theory here urged.

for in the progressive removal of the *customary* atmospheric pressure upon the surface of the body, and consequent distention of the superficial blood-vessels—not in any positive disorganization of the animal system, as in the case of difficulty in breathing, where the atmospheric density is *chemically insufficient* for the due renovation of blood in a vertiele of the heart. Unless for default of this renovation, I could see no reason, therefore, why life could not be sustained even in a *vacuum*: for the expansion and compression of chest, commonly called breathing, is action purely muscular, and the *cause*, not the *effect*, of respiration. In a word, I conceived that, as the body should become habituated to the want of atmospheric pressure, the sensations of pain would gradually diminish—and to endure them while they continued, I relied with confidence upon the iron hardihood of my constitution.

"Thus, may it please your Excellencies, I have detailed some, though by no means all, the considerations which led me to form the project of a lunar voyage. I shall now proceed to lay before you the result of an attempt so apparently audacious in conception, and, at all events, so utterly unparalleled in the annals of mankind.

"Having attained the altitude before mentioned—that is to say three miles and three quarters—I threw out from the car a quantity of feathers, and found that I still ascended with

sufficient rapidity; there was, therefore, no necessity for discharging any ballast. I was glad of this, for I wished to retain with me as much weight as I could carry, for the obvious reason that I could not be positive either about the gravitation or the atmospheric density of the moon. I as yet suffered no bodily inconvenience, breathing with great freedom, and feeling no pain whatever in the head. The cat was lying very demurely upon my coat, which I had taken off, and eyeing the pigeons with an air of *nonchalance*. These latter being tied by the leg, to prevent their escape, were busily employed in picking up some grains of rice scattered for them in the bottom of the car.

"At twenty minutes past six o'clock, the barometer showed an elevation of 26,400 feet, or five miles to a fraction. The prospect seemed unbounded. Indeed, it is very easily calculated by means of spherical geometry, how great an extent of the earth's area I beheld. The convex surface of any segment of a sphere is, to the entire surface of the sphere itself, as the versed sine of the segment to the diameter of the sphere. Now, in my case, the versed sine—that is to say, the *thickness* of the segment beneath me—was about equal to my elevation, or the elevation of the point of sight above the surface. 'As five miles, then, to eight thousand,' would express the proportion of the earth's area seen by me. In other words, I beheld as much as a sixteen-hundredth part of

the whole surface of the globe. The sea appeared unruffled as a mirror, although, by means of the telescope, I could perceive it to be in a state of violent agitation. The ship was no longer visible, having drifted away, apparently to the eastward. I now began to experience, at intervals, severe pain in the head, especially about the ears—still, however, breathing with tolerable freedom. The cat and pigeons seemed to suffer no inconvenience whatsoever.

"At twenty minutes before seven, the balloon entered a long series of dense cloud, which put me to great trouble, by damaging my condensing apparatus, and wetting me to the skin; this was, to be sure, a singular *recontre*, for I had not believed it possible that a cloud of this nature could be sustained at so great an elevation. I thought it best, however, to throw out two five-pound pieces of ballast, reserving still a weight of one hundred and sixty-five pounds. Upon so doing, I soon rose above the difficulty, and perceived immediately, that I had obtained a great increase in my rate of ascent. In a few seconds after my leaving the cloud, a flash of vivid lightning shot from one end of it to the other, and caused it to kindle up, throughout its vast extent, like a mass of ignited charcoal. This, it must be remembered, was in the broad light of day. No fancy may picture the sublimity which might have been exhibited by a similar phenomenon taking place amid the

darkness of the night. Hell itself might have been found a fitting image. Even as it was, my hair stood on end, while I gazed afar down within the yawning abysses, letting imagination descend, and stalk about in the strange vaulted halls, and ruddy gulfs, and red ghastly chasms of the hideous and unfathomable fire. I had indeed made a narrow escape. Had the balloon remained a very short while longer within the cloud—that is to say, had not the inconvenience of getting wet, determined me to discharge the ballast—my destruction might, and probably would, have been the consequence. Such perils, although little considered, are perhaps the greatest which must be encountered in balloons. I had by this time, however, attained too great an elevation to be any longer uneasy on this head.

"I was now rising rapidly, and by seven o'clock the barometer indicated an altitude of no less than nine miles and a half. I began to find great difficulty in drawing my breath. My head, too, was excessively painful; and, having felt for some time a moisture about my cheeks, I at length discovered it to be blood, which was oozing quite fast from the drums of my ears. My eyes, also, gave me great uneasiness. Upon passing the hand over them they seemed to have protruded from their sockets in no inconsiderable degree; and all objects in the car, and even the balloon itself, appeared distorted to my vision. These symptoms were

more than I had expected, and occasioned me some alarm. At this juncture, very imprudently, and without consideration, I threw out from the car three five-pound pieces of ballast. The accelerated rate of ascent thus obtained, carried me too rapidly, and without sufficient gradation, into a highly rarefied *stratum* of the atmosphere, and the result had nearly proved fatal to my expedition and to myself. I was suddenly seized with a spasm which lasted for more than five minutes, and even when this, in a measure, ceased, I could catch my breath only at long intervals, and in a gasping manner,—bleeding all the while copiously at the nose and ears, and even slightly at the eyes. The pigeons appeared distressed in the extreme, and struggled to escape; while the cat mewed piteously, and, with her tongue hanging out of her mouth, staggered to and fro in the car as if under the influence of poison. I now too late discovered the great rashness of which I had been guilty in discharging the ballast, and my agitation was excessive. I anticipated nothing less than death, and death in a few minutes. The physical suffering I underwent contributed also to render me nearly incapable of making any exertion for the preservation of my life. I had, indeed, little power of reflection left, and the violence of the pain in my head seemed to be greatly on the increase. Thus I found that my senses would shortly give way altogether, and I had already clutched one of the valve

ropes with the view of attempting a descent, when the recollection of the trick I had played the three creditors, and the possible consequences to myself, should I return, operated to deter me for the moment. I lay down in the bottom of the car, and endeavoured to collect my faculties. In this I so far succeeded as to determine upon the experiment of losing blood. Having no lancet, however, I was constrained to perform the operation in the best manner I was able, and finally succeeded in opening a vein in my left arm, with the blade of my penknife. The blood had hardly commenced flowing when I experienced a sensible relief, and by the time I had lost about half a moderate basinful, most of the worst symptoms had abandoned me entirely. I nevertheless did not think it expedient to attempt getting on my feet immediately; but, having tied up my arm as well as I could, I lay still for about a quarter of an hour. At the end of this time I arose, and found myself freer from absolute *pain* of any kind than I had been during the last hour and a quarter of my ascension. The difficulty of breathing, however, was diminished in a very slight degree, and I found that it would soon be positively necessary to make use of my condenser. In the meantime, looking toward the cat, who was again snugly stowed away upon my coat, I discovered to my infinite surprise, that she had taken the opportunity of my indisposition to bring into light a litter of three little

kittens. This was an addition to the number of passengers on my part altogether unexpected; but I was pleased at the occurrence. It would afford me a chance of bringing to a kind of test the truth of a surmise, which, more than anything else, had influenced me in attempting this ascension. I had imagined that the *habitual* endurance of the atmospheric pressure at the surface of the earth was the cause, or nearly so, of the pain attending animal existence at a distance above the surface. Should the kittens be found to suffer uneasiness *in an equal degree with their mother*, I must consider my theory in fault, but a failure to do so I should look upon as a strong confirmation of my idea.

"By eight o'clock I had actually attained an elevation of seventeen miles above the surface of the earth. Thus it seemed to me evident that my rate of ascent was not only on the increase, but that the progression would have been apparent in a slight degree even had I not discharged the ballast which I did. The pains in my head and ears returned, at intervals, with violence, and I still continued to bleed occasionally at the nose; but, upon the whole, I suffered much less than might have been expected. I breathed, however, at every moment, with more and more difficulty, and each inhalation was attended with a troublesome spasmodic action of the chest. I now unpacked the

condensing apparatus, and got it ready for immediate use.

"The view of the earth, at this period of my ascension, was beautiful indeed. To the westward, the northward, and the southward, as far as I could see, lay a boundless sheet of apparently unruffled ocean, which every moment gained a deeper and deeper tint of blue. At a vast distance to the eastward, although perfectly discernible, extended the islands of Great Britain, the entire Atlantic coasts of France and Spain, with a small portion of the northern part of the continent of Africa. Of individual edifices not a trace could be discovered, and the proudest cities of mankind had utterly faded away from the face of the earth.

"What mainly astonished me, in the appearance of things below, was the seeming concavity of the surface of the globe. I had, thoughtlessly enough, expected to see its real *convexity* become evident as I ascended; but a very little reflection sufficed to explain the discrepancy. A line dropped from my position perpendicularly to the earth, would have formed the perpendicular of a right-angled triangle, of which the base would have extended from the right-angle to the horizon, and the hypothenuse from the horizon to my position. But my height was little or nothing in comparison with my prospect. In other words, the base and hypothenuse of the supposed triangle would, in my case, have been so long, when compared to the

perpendicular, that the two former might have been regarded as nearly parallel. In this manner the horizon of the aëronaut appears always to be *upon a level* with the car. But as the point immediately beneath him seems, and is, at a great distance below him, it seems, of course, also at a great distance below the horizon. Hence the impression of concavity; and this impression must remain, until the elevation shall bear so great a proportion to the prospect, that the apparent parallelism of the base and hypothenuse disappears.

"The pigeons about this time seeming to undergo much suffering, I determined upon giving them their liberty. I first untied one of them, a beautiful gray-mottled pigeon, and placed him upon the rim of the wicker-work. He appeared extremely uneasy, looking anxiously around him, fluttering his wings, and making a loud cooing noise, but could not be persuaded to trust himself from the car. I took him up at last, and threw him to about half a dozen yards from the balloon. He made, however, no attempt to descend as I had expected, but struggled with great vehemence to get back, uttering at the same time very shrill and piercing cries. He at length succeeded in regaining his former station on the rim, but had hardly done so when his head dropped upon his breast, and he fell dead within the car. The other one did not prove so unfortunate. To prevent his following the example of his com-

panion, and accomplishing a return, I threw him downward with all my force, and was pleased to find him continue his descent, with great velocity, making use of his wings with ease, and in a perfectly natural manner. In a very short time he was out of sight, and I have no doubt he reached home in safety. Puss, who seemed in a great measure recovered from her illness, now made a hearty meal of the dead bird, and then went to sleep with much apparent satisfaction. Her kittens were quite lively, and so far evinced not the slightest sign of any uneasiness.

"At a quarter past eight, being no longer able to draw breath without the most intolerable pain, I proceeded forthwith to adjust around the car the apparatus belonging to the condenser. This apparatus will require some little explanation, and your Excellencies will please to bear in mind that my object, in the first place, was to surround myself and car entirely with a barricade against the highly rarefied atmosphere in which I was existing, with the intention of introducing within this barricade, by means of my condenser, a quantity of this same atmosphere sufficiently condensed for the purposes of respiration. With this object in view I had prepared a very strong, perfectly air-tight, but flexible gum-elastic bag. In this bag, which was of sufficient dimensions, the entire car was in a manner placed. That is to say, it (the bag) was drawn over the whole

bottom of the car, up its sides, and so on, along the outside of the ropes, to the upper rim or hoop where the net-work is attached. Having pulled the bag up in this way, and formed a complete enclosure on all sides, and at bottom, it was now necessary to fasten up its top or mouth, by passing its material over the hoop of the net-work,—in other words, between the net-work and the hoop. But if the net-work were separated from the hoop to admit this passage, what was to sustain the car in the meantime? Now the net-work was not permanently fastened to the hoop, but attached by a series of running loops or nooses. I therefore undid only a few of these loops at one time, leaving the car suspended by the remainder. Having thus inserted a portion of the cloth forming the upper part of the bag, I refastened the loops —not to the hoop, for that would have been impossible, since the cloth now intervened,—but to a series of large buttons, affixed to the cloth itself, about three feet below the mouth of the bag; the intervals between the buttons having been made to correspond to the intervals between the loops. This done, a few more of the loops were unfastened from the rim, a farther portion of the cloth introduced, and the disengaged loops then connected with their proper buttons. In this way it was possible to insert the whole upper part of the bag between the net-work and the hoop. It is evident that the hoop would now drop down within the car,

while the whole weight of the car itself, with all its contents, would be held up merely by the strength of the buttons. This, at first sight, would seem an inadequate dependence; but it was by no means so, for the buttons were not only very strong in themselves, but so close together that a very slight portion of the whole weight was supported by any one of them. Indeed, had the car and contents been three times heavier than they were, I should not have been at all uneasy. I now raised up the hoop again within the covering of gum-elastic, and proped it at nearly its former height by means of three light poles prepared for the occasion. This was done, of course, to keep the bag distended at the top, and to preserve the lower part of the net-work in its proper situation. All that now remained was to fasten up the mouth of the enclosure; and this was readily accomplished by gathering the folds of the material together, and twisting them up very tightly on the inside by means of a kind of stationary *tourniquet*.

"In the sides of the covering thus adjusted round the car, had been inserted three circular panes of thick but clear glass, through which I could see without difficulty around me in every horizontal direction. In that portion of the cloth forming the bottom, was likewise, a fourth window, of the same kind, and corresponding with a small aperture in the floor of the car itself. This enabled me to see perpendicularly

down, but having found it impossible to place any similar contrivance overhead, on account of the peculiar manner of closing up the opening there, and the consequent wrinkles in the cloth, I could expect to see no objects situated directly in my zenith. This, of course, was a matter of little consequence; for, had I even been able to place a window at top, the balloon itself would have prevented my making any use of it.

"About a foot below one of the side windows was a circular opening, three inches in diameter, and fitted with a brass rim adapted in its inner edge to the windings of a screw. In this rim was screwed the large tube of the condenser, the body of the machine being, of course, within the chamber of gum-elastic. Through this tube a quantity of the rare atmosphere circumjacent being drawn by means of a *vacuum* created in the body of the machine, was thence discharged, in a state of condensation, to mingle with the thin air already in the chamber. This operation being repeated several times, at length filled the chamber with atmosphere proper for all the purposes of respiration; but in so confined a space it would, in a short time, necessarily become foul, and unfit for use from frequent contact with the lungs. It was then ejected by a small valve at the bottom of the car — the dense air readily sinking into the thinner atmosphere below. To avoid the inconvenience of making a total *vacuum* at

any moment within the chamber, this purification was never accomplished all at once, but in a gradual manner,—the valve being opened only for a few seconds, then closed again, until one or two strokes from the pump of the condenser had supplied the place of the atmosphere ejected. For the sake of experiment I had put the cat and kittens in a small basket, and suspended it outside the car to a button at the bottom, close by the valve, through which I could feed them at any moment when necessary. I did this at some little risk, and before closing the mouth of the chamber, by reaching under the car with one of the poles before mentioned to which a hook had been attached. As soon as dense air was admitted in the chamber, the hoop and poles became unnecessary; the expansion of the enclosed atmosphere powerfully distending the gum-elastic.

"By the time I had fully completed these arrangements and filled the chamber as explained, 't wanted only ten minutes of nine o'clock. During the whole period of my being thus employed, I endured the most terrible distress from difficulty of respiration, and bitterly did I repent the negligence or rather fool-hardiness, of which I had been guilty, of putting off to the last moment a matter of so much importance. But having at length accomplished it, I soon began to reap the benefit of my invention. Once again I breathed with perfect freedom and ease—and indeed why should I not? I

was also agreeably surprised to find myself, in a great measure, relieved from the violent pains which had hitherto tormented me. A slight headache, accompanied with a sensation of fulness or distention about the wrists, the ankles, and the throat, was nearly all of which I had now to complain. Thus it seemed evident that a greater part of the uneasiness attending the removal of atmospheric pressure had actually *worn off*, as I had expected, and that much of the pain endured for the last two hours should have been attributed altogether to the effects of a deficient respiration.

"At twenty minutes before nine o'clock—that is to say, a short time prior to my closing up the mouth of the chamber, the mercury attained its limit, or ran down, in the barometer, which, as I mentioned before, was one of an extended construction. It then indicated an altitude on my part of 132,000 feet, or five-and-twenty miles, and I consequently surveyed at that time an extent of the earth's area amounting to no less than the three-hundred-and-twentieth part of its entire superficies. At nine o'clock I had again lost sight of land to the eastward, but not before I became aware that the balloon was drifting rapidly to the N. N. W. The ocean beneath me still retained its apparent concavity, although my view was often interrupted by the masses of cloud which floated to and fro.

"At half past nine I tried the experiment of

throwing out a handful of feathers through the valve. They did not float as I had expected; but dropped down perpendicularly, like a bullet, *en masse,* and with the greatest velocity,—being out of sight in a very few seconds. I did not at first know what to make of this extraordinary phenomenon; not being able to believe that my rate of ascent had, of a sudden, met with so prodigious an acceleration. But it soon occurred to me that the atmosphere was now far too rare to sustain even the feathers; that they actually fell, as they appear to do, with great rapidity; and that I had been surprised by the united velocities of their descent and my own elevation.

"By ten o'clock I found that I had very little to occupy my immediate attention. Affairs went swimmingly, and I believed the balloon to be going upward with a speed increasing momently although I had no longer any means of ascertaining the progression of the increase. I suffered no pain or uneasiness of any kind, and enjoyed better spirits than I had at any period since my departure from Rotterdam! busying myself now in examining the state of my various apparatus, and now in regenerating the atmosphere within the chamber. This latter point I determined to attend to at regular intervals of forty minutes, more on account of the preservation of my health, than from so frequent a renovation being absolutely necessary. In the meanwhile I could not help mak-

ing anticipations. Fancy revelled in the wild and dreamy regions of the moon. Imagination, feeling herself for once unshackled, roamed at will among the ever-changing wonders of a shadowy and unstable land. Now there were hoary and time-honored forests, and craggy precipices, and waterfalls tumbling with a loud noise into abysses without a bottom. Then I came suddenly into still noonday solitudes, where no wind of heaven ever intruded, and where vast meadows of poppies, and slender, lily-looking flowers spread themselves out a weary distance, all silent and motionless for ever. Then again I journeyed far down away into another country where it was all one dim and vague lake, with a boundary line of clouds. But fancies such as these were not the sole possessors of my brain. Horrors of a nature most stern and most appalling would too frequently obtrude themselves upon my mind, and shake the innermost depths of my soul with the bare supposition of their possibility. Yet I would not suffer my thoughts for any length of time to dwell upon these latter speculations, rightly judging the real and palpable dangers of the voyage sufficient for my undivided attention.

"At five o'clock, P. M., being engaged in regenerating the atmosphere within the chamber, I took that opportunity of observing the cat and kittens through the valve. The cat herself appeared to suffer again very much, and I

had no hesitation in attributing her uneasiness chiefly to a difficulty in breathing; but my experiment with the kittens had resulted very strangely. I had expected, of course, to see them betray a sense of pain, although in a less degree than their mother; and this would have been sufficient to confirm my opinion concerning the habitual endurance of atmospheric pressure. But I was not prepared to find them, upon close examination, evidently enjoying a high degree of health, breathing with the greatest ease and perfect regularity, and evincing not the slightest sign of any uneasiness. I could only account for all this by extending my theory, and supposing that the highly rarefied atmosphere around might perhaps not be, as I had taken for granted, chemically insufficient for the purposes of life, and that a person born in such a *medium* might, possibly, be unaware of any inconvenience attending its inhalation, while, upon removal to the denser *strata* near the earth, he might endure tortures of a similar nature to those I had so lately experienced. It has since been to me a matter of deep regret that an awkward accident, at this time, occasioned me the loss of my little family of cats, and deprived me of the insight into this matter which a continued experiment might have afforded. In passing my hand through the valve, with a cup of water for the old puss, the sleeves of my shirt became entangled in the loop which sustained the basket,

and thus, in a moment, loosened it from the bottom. Had the whole actually vanished into air, it could not have shot from my sight in a more abrupt and instantaneous manner. Positively, there could not have intervened the tenth part of a second between the disengagement of the basket and its absolute disappearance with all that it contained. My good wishes followed it to the earth, but of course, I had no hope that either cat or kittens would ever live to tell the tale of their misfortune.

"At six o'clock, I perceived a great portion of the earth's visible area to the eastward involved in thick shadow, which continued to advance with great rapidity, until, at five minutes before seven, the whole surface in view was enveloped in the darkness of night. It was not, however, until long after this time that the rays of the setting sun ceased to illumine the balloon; and this circumstance, although of course fully anticipated, did not fail to give me an infinite deal of pleasure. It was evident that, in the morning, I should behold the rising luminary many hours at least before the citizens of Rotterdam, in spite of their situation so much farther to the eastward, and thus, day after day, in proportion to the height ascended, would I enjoy the light of the sun for a longer and a longer period. I now determined to keep a journal of my passage, reckoning the days from one to twenty-four hours continuous-

ly, without taking into consideration the intervals of darkness.

"At ten o'clock, feeling sleepy, I determined to lie down for the rest of the night; but here a difficulty presented itself, which, obvious as it may appear, had escaped my attention up to the very moment of which I am now speaking. If I went to sleep as I proposed, how could the atmosphere in the chamber be regenerated in the *interim?* To breathe it for more than an hour, at the farthest, would be a matter of impossibility; or, if even this term could be extended to an hour and a quarter, the most ruinous consequences might ensue. The consideration of this dilemma gave me no little disquietude; and it will hardly be believed, that, after the dangers I had undergone, I should look upon this business in so serious a light, as to give up all hope of accomplishing my ultimate design, and finally make up my mind to the necessity of a descent. But this hesitation was only momentary. I reflected that man is the veriest slave of custom, and that many points in the routine of his existence are deemed *essentially* important, which are only so *at all* by his having rendered them habitual. It was very certain that I could not do without sleep; but I might easily bring myself to feel no inconvenience from being awakened at intervals of an hour during the whole period of my repose. It would require but five minutes at most to regenerate the atmosphere in the fullest manner

—and the only real difficulty was to contrive a method of arousing myself at the proper moment for so doing. But this was a question which, I am willing to confess, occasioned me no little trouble in its solution. To be sure, I had heard of the student who, to prevent his falling asleep over his books, held in one hand a ball of copper, the din of whose descent into a basin of the same metal on the floor beside his chair, served effectually to startle him up, if, at any moment, he should be overcome with drowsiness. My own case, however, was very different indeed, and left me no room for any similar idea; for I did not wish to keep awake, but to be aroused from slumber at regular intervals of time. I at length hit upon the following expedient, which, simple as it may seem, was hailed by me, at the moment of discovery, as an invention fully equal to that of the telescope, the steam-engine, or the art of printing itself.

"It is necessary to premise, that the balloon, at the elevation now attained, continued its course upward with an even and undeviating ascent, and the car consequently followed with a steadiness so perfect that it would have been impossible to detect in it the slightest vacillation. This circumstance favored me greatly in the project I now determined to adopt. My supply of water had been put on board in kegs containing five gallons each, and ranged very securely around the interior of the car. I un-

fastened one of these, and taking two ropes, tied them tightly across the rim of the wicker-work from one side to the other; placing them about a foot apart and parallel, so as to form a kind of shelf, upon which I placed the keg, and steadied it in a horizontal position. About eight inches immediately below these ropes, and four feet from the bottom of the car I fastened another shelf—but made of thin plank, being the only similar piece of wood I had. Upon this latter shelf, and exactly beneath one of the rims of the keg, a small earthen pitcher was deposited. I now bored a hole in the end of the keg over the pitcher, and fitted in a plug of soft wood, cut in a tapering or conical shape. This plug I pushed in or pulled out, as might happen, until, after a few experiments, it arrived at that exact degree of tightness, at which the water, oozing from the hole, and falling into the pitcher below, would fill the latter to the brim in the period of sixty minutes. This, of course, was a matter briefly and easily ascertained, by noticing the proportion of the pitcher filled in any given time. Having arranged all this, the rest of the plan is obvious. My bed was so contrived upon the floor of the car, as to bring my head, in lying down, immediately below the mouth of the pitcher. It was evident, that, at the expiration of an hour, the pitcher, getting full, would be forced to run over, and to run over at the mouth, which was somewhat lower than the rim. It was also evi-

dent, that the water thus falling from a height of more than four feet, could not do otherwise than fall upon my face, and that the sure consequences would be, to waken me up instantaneously, even from the soundest slumber in the world.

"It was fully eleven by the time I had completed these arrangements, and I immediately betook myself to bed, with full confidence in the efficiency of my invention. Nor in this matter was I disappointed. Punctually every sixty minutes was I aroused by my trusty chronometer, when, having emptied the pitcher into the bung-hole of the keg, and performed the duties of the condenser, I retired again to bed. These regular interruptions to my slumber caused me even less discomfort than I had anticipated; and when I finally arose for the day, it was seven o'clock, and the sun had attained many degrees above the line of my horizon.

"*April 3d.* I found the balloon at an immense height indeed, and the earth's convexity had now become strikingly manifest. Below me in the ocean lay a cluster of black specks, which undoubtedly were islands. Overhead the sky was of a jetty black, and the stars were brilliantly visible; indeed they had been so constantly since the first day of ascent. Far away to the northward I perceived a thin, white, and exceedingly brilliant line, or streak, on the edge of the horizon, and I had no hesitation in supposing it to be the southern disc of the ices of

the Polar Sea. My curiosity was greatly excited, for I had hopes of passing on much farther to the north, and might possibly, at some period, find myself placed directly above the Pole itself. I now lamented that my great elevation would, in this case, prevent my taking as accurate a survey as I could wish. Much, however, might be ascertained.

"Nothing else of an extraordinary nature occurred during the day. My apparatus all continued in good order, and the balloon still ascended without any perceptible vacillation. The cold was intense, and obliged me to wrap up closely in an overcoat. When darkness came over the earth, I betook myself to bed, although it was for many hours afterward broad daylight all around my immediate situation. The water-clock was punctual in its duty, and I slept until next morning soundly, with the exception of the periodical interruption.

"*April 4th.* Arose in good health and spirits, and was astonished at the singular change which had taken place in the appearance of the sea. It had lost, in a great measure, the deep tint of blue it had hitherto worn, being now of a grayish-white, and of a lustre dazzling to the eye. The convexity of the ocean had become so evident, that the entire mass of the distant water seemed to be tumbling headlong over the abyss of the horizon, and I found myself listening on tiptoe for the echoes of the mighty cataract. The islands were no longer visible;

whether they had passed down the horizon to the southeast, or whether my increasing elevation had left them out of sight, it is impossible to say. I was inclined, however, to the latter opinion. The rim of ice to the northward was growing more and more apparent. Cold by no means so intense. Nothing of importance occurred, and I passed the day in reading, having taken care to supply myself with books.

"*April 5th.* Beheld the singular phenomenon of the sun rising while nearly the whole visible surface of the earth continued to be involved in darkness. In time, however, the light spread itself over all, and I again saw the line of ice to the northward. It was now very distinct, and appeared of a much darker hue than the waters of the ocean. I was evidently approaching it, and with great rapidity. Fancied I could again distinguish a strip of land to the eastward, and one also to the westward, but could not be certain. Weather moderate. Nothing of any consequence happened during the day. Went early to bed.

"*April 6th.* Was surprised at finding the rim of ice at a very moderate distance, and an immense field of the same material stretching away off to the horizon in the north. It was evident that if the balloon held its present course, it would soon arrive above the Frozen Ocean, and I had now little doubt of ultimately seeing the Pole. During the whole of the day I continued to near the ice. Toward

night the limits of my horizon very suddenly and materially increased, owing undoubtedly to the earth's form being that of an oblate spheroid, and my arriving above the flattened regions in the vicinity of the Arctic circle. When darkness at length overtook me, I went to bed in great anxiety, fearing to pass over the object of so much curiosity when I should have no opportunity of observing it.

"*April 7th.* Arose early, and, to my great joy, at length beheld what there could be no hesitation in supposing the northern Pole itself. It was there, beyond a doubt, and immediately beneath my feet; but, alas! I had now ascended to so vast a distance, that nothing could with accuracy be discerned. Indeed, to judge from the progression of the numbers indicating my various altitudes, respectively, at different periods, between six A. M. on the second of April, and twenty minutes before nine A. M. of the same day (at which time the barometer ran down), it might be fairly inferred that the balloon had now, at four o'clock in the morning of April the seventh, reached a height of *not less*, certainly, than 7254 miles above the surface of the sea. This elevation may appear immense, but the estimate upon which it is calculated gave a result in all probability far inferior to the truth. At all events I undoubtedly beheld the whole of the earth's major diameter; the entire northern hemisphere lay beneath me like a chart orthograph-

ically projected: and the great circle of the equator itself formed the boundary line of my horizon. Your Excellencies may, however, readily imagine that the confined regions hitherto unexplored within the limits of the Arctic circle, although situated directly beneath me, and therefore seen without any appearance of being foreshortened, were still, in themselves, comparatively too diminutive, and at too great a distance from the point of sight, to admit of any very accurate examination. Nevertheless, what could be seen was of a nature singular and exciting. Northwardly from that huge rim before mentioned, and which, with slight qualification, may be called the limit of human discovery in these regions, one unbroken, or nearly unbroken, sheet of ice continues to extend. In the first few degrees of this its progress, its surface is very sensibly flattened, farther on depressed into a plane, and finally, becoming *not a little concave*, it terminates, at the Pole itself, in a circular centre, sharply defined, whose apparent diameter subtended at the balloon an angle of about sixty-five seconds, and whose dusky hue, varying in intensity, was, at all times, darker than any other spot upon the visible hemisphere, and occasionally deepened into the most absolute blackness. Farther than this, little could be ascertained. By twelve o'clock the circular centre had materially decreased in circumference, and by seven P. M. I lost sight of it entirely; the balloon passing

over the western limb of the ice, and floating away rapidly in the direction of the equator.

"*April 8th.* Found a sensible diminution in the earth's apparent diameter, besides a material alteration in its general color and appearance. The whole visible area partook in different degrees of a tint of pale yellow, and in some portions had acquired a brilliancy even painful to the eye. My view downward was also considerably impeded by the dense atmosphere in the vicinity of the surface being loaded with clouds, between whose masses I could only now and then obtain a glimpse of the earth itself. This difficulty of direct vision had troubled me more or less for the last forty-eight hours; but my present enormous elevation brought closer together, as it were, the floating bodies of vapor, and the inconvenience became, of course, more and more palpable in proportion to my ascent. Nevertheless, I could easily perceive that the balloon now hovered above the range of great lakes in the continent of North America, and was holding a course, due south, which would soon bring me to the tropics. This circumstance did not fail to give me the most heartfelt satisfaction, and I hailed it as a happy omen of ultimate success. Indeed, the direction I had hitherto taken, had filled me with uneasiness; for it was evident that, had I continued it much longer, there would have been no possibility of my arriving at the moon at all, whose orbit is inclined to the

ecliptic at only the small angle of 5° 8′ 48″. Strange as it may seem, it was only at this late period that I began to understand the great error I had committed, in not taking my departure from earth at some point *in the plane of the lunar ellipse.*

"*April 9th.* To-day the earth's diameter was greatly diminished, and the color of the surface assumed hourly a deeper tint of yellow. The balloon kept steadily on her course to the southward, and arrived, at nine P. M., over the northern edge of the Mexican Gulf.

"*April 10th.* I was suddenly aroused from slumber, about five o'clock this morning, by a loud, crackling, and terrific sound, for which I could in no manner account. It was of very brief duration, but, while it lasted, resembled nothing in the world of which I had any previous experience. It is needless to say that I became excessively alarmed, having, in the first instance, attributed the noise to the bursting of the balloon. I examined all my apparatus, however, with great attention, and could discover nothing out of order. Spent a great part of the day in meditating upon an occurrence so extraordinary, but could find no means whatever of accounting for it. Went to bed dissatisfied, and in a state of great anxiety and agitation.

"*April 11th.* Found a startling diminution in the apparent diameter of the earth, and a considerable increase, now observable for the

first time, in that of the moon itself, which wanted only a few days of being full. It now required long and excessive labor to condense within the chamber sufficient atmospheric air for the sustenance of life.

"*April 12th.* A singular alteration took place in regard to the direction of the balloon, and although fully anticipated, afforded me the most unequivocal delight. Having reached, in its former course, about the twentieth parallel of southern latitude, it turned off suddenly, at an acute angle, to the eastward, and thus proceeded throughout the day, keeping nearly, if not altogether, *in the exact plane of the lunar ellipse.* What was worthy of remark, a very perceptible vacillation in the car was a consequence of this change of route,—a vacillation which prevailed, in a more or less degree, for a period of many hours.

"*April 13th.* Was again very much alarmed by a repetition of the loud, crackling noise which terrified me on the tenth. Thought long upon the subject, but was unable to form any satisfactory conclusion. Great decrease in the earth's apparent diameter, which now subtended from the balloon an angle of very little more than twenty-five degrees. The moon could not be seen at all, being nearly in my zenith. I still continued in the plane of the ellipse, but made little progress to the eastward.

"*April 14th.* Extremely rapid decrease in the diameter of the earth. To-day I became

strongly impressed with the idea, that the balloon was now actually running up the line of apsides to the point of perigee,—in other words, holding the direct course which would bring it immediately to the moon in that part of its orbit the nearest to the earth. The moon itself was directly overhead, and consequently hidden from my view. Great and long-continued labor necessary for the condensation of the atmosphere.

"*April 15th.* Not even the outlines of continents and seas could now be traced upon the earth with distinctness. About twelve o'clock I became aware, for the third time, of that appalling sound which had so astonished me before. It now, however, continued for some moments, and gathered intensity as it continued. At length, while, stupefied and terror-stricken, I stood in expectation of I knew not what hideous destruction, the car vibrated with excessive violence, and a gigantic and flaming mass of some material which I could not distinguish, came with a voice of a thousand thunders, roaring and booming by the balloon. When my fears and astonishment had in some degree subsided, I had little difficulty in supposing it to be some mighty volcanic fragment ejected from that world to which I was so rapidly approaching, and, in all probability, one of that singular class of substances occasionally picked up on the earth, and termed meteoric stones for want of a better appellation.

"*April 16th.* To-day, looking upward as well as I could, through each of the side windows alternately, I beheld, to my great delight, a very small portion of the moon's disk protruding, as it were, on all sides beyond the huge circumference of the balloon. My agitation was extreme; for I had now little doubt of soon reaching the end of my perilous voyage. Indeed, the labor now required by the condenser, had increased to a most oppressive degree, and allowed me scarcely any respite from exertion. Sleep was a matter nearly out of the question. I became quite ill, and my frame trembled with exhaustion. It was impossible that human nature could endure this state of intense suffering much longer. During the now brief interval of darkness a meteoric stone again passed in my vicinity, and the frequency of these phenomena began to occasion me much apprehension.

"*April 17th.* This morning proved an epoch in my voyage. It will be remembered that, on the thirteenth, the earth subtended an angular breadth of twenty-five degrees. On the fourteenth this had greatly diminished; on the fifteenth a still more remarkable decrease was observable; and, on retiring on the night of the sixteenth, I had noticed an angle of no more than about seven degrees and fifteen minutes. What, therefore, must have been my amazement, on awakening from a brief and disturbed slumber, on the morning of this day, the seven-

teenth, at finding the surface beneath me so suddenly and wonderfully *augmented* in volume, as to subtend no less than thirty-nine degrees in apparent angular diameter! I was thunderstruck! No words can give any adequate idea of the extreme, the absolute horror and astonishment, with which I was seized, possessed, and altogether overwhelmed. My knees tottered beneath me—my teeth chattered—my hair started up on end. 'The balloon, then, had actually burst!' These were the first tumultuous ideas that hurried through my mind: 'The balloon had positively burst!—I was falling—falling with the most impetuous, the most unparalleled velocity! To judge by the immense distance already so quickly passed over, it could not be more than ten minutes, at the farthest, before I should reach the surface of the earth, and be hurled into annihilation!' But at length reflection came to my relief. I paused; I considered; and I began to doubt. The matter was impossible. I could not in any reason have so rapidly come down. Besides, although I was evidently approaching the surface below me, it was with a speed by no means commensurate with the velocity I had at first conceived. This consideration served to calm the perturbation of my mind, and I finally succeeded in regarding the phenomenon in its proper point of view. In fact, amazement must have fairly deprived me of my senses, when I could not see the vast difference, in ap-

pearance, between the surface below me, and the surface of my mother earth. The latter was indeed over my head, and completely hidden by the balloon, while the moon—the moon itself in all its glory—lay beneath me, and at my feet.

"The stupor and surprise produced in my mind by this extraordinary change in the posture of affairs, was, perhaps, after all, that part of the adventure least susceptible of explanation. For the *bouleversement* in itself was not only natural and inevitable, but had been long actually anticipated as a circumstance to be expected whenever I should arrive at that exact point of my voyage where the attraction of the planet should be superseded by the attraction of the satellite—or, more precisely, where the gravitation of the balloon toward the earth should be less powerful than its gravitation toward the moon. To be sure I arose from a sound slumber, with all my senses in confusion, to the contemplation of a very startling phenomenon, and one which, although expected, was not expected at the moment. The revolution itself must, of course, have taken place in an easy and gradual manner, and it is by no means clear that, had I even been awake at the time of the occurrence, I should have been made aware of it by any *internal* evidence of an inversion,—that is to say, by any inconvenience or disarrangement, either about my person or about my apparatus.

"It is almost needless to say that, upon coming to a due sense of my situation, and emerging from the terror which had absorbed every faculty of my soul, my attention was, in the first place, wholly directed to the contemplation of the general physical appearance of the moon. It lay beneath me like a chart—and although I judged it to be still at no inconsiderable distance, the indentures of its surface were defined to my vision with a most striking and altogether unaccountable distinctness. The entire absence of ocean or sea, and indeed of any lake or river, or body of water whatsoever, struck me, at first glance, as the most extraordinary feature in its geological condition. Yet, strange to say, I beheld vast level regions of a character decidedly alluvial, although by far the greater portion of the hemisphere in sight was covered with innumerable volcanic mountains, conical in shape, and having more the appearance of artificial than of natural protuberances. The highest among them does not exceed three and three-quarter miles in perpendicular elevation; but a map of the volcanic districts of the Campi Phlegræi would afford to your Excellencies a better idea of their general surface than any unworthy description I might think proper to attempt. The greater part of them were in a state of evident eruption, and gave me fearfully to understand their fury and their power, by the repeated thunders of the miscalled meteoric stones, which now rushed

upward by the balloon with a frequency more and more appalling.

"*April 18th.* To-day I found an enormous increase in the moon's apparent bulk—and the evidently accelerated velocity of my descent began to fill me with alarm. It will be remembered, that, in the earliest stage of my speculations upon the possibility of a passage to the moon, the existence, in its vicinity, of an atmosphere, dense in proportion to the bulk of the planet, had entered largely into my calculations; this too in spite of many theories to the contrary, and, it may be added, in spite of a general disbelief in the existence of any lunar atmosphere at all. But, in addition to what I have already urged in regard to Encke's comet and the zodiacal light, I had been strengthened in my opinion by certain observations of Mr. Schroeter, of Lilienthal. He observed the moon when two days and a half old, in the evening, soon after sunset, before the dark part was visible, and continued to watch it until it became visible. The two cusps appeared tapering in a very sharp faint prolongation, each exhibiting its farthest extremity faintly illuminated by the solar rays, before any part of the dark hemisphere was visible. Soon afterward, the whole dark limb became illuminated. This prolongation of the cusps beyond the semicircle, I thought, must have arisen from the refraction of the sun's rays by the moon's atmosphere. I computed, also, the height of the at-

mosphere (which could refract light enough into its dark hemisphere to produce a twilight more luminous than the light reflected from the earth when the moon is about 32° from the new) to be 1356 Paris feet; in this view, I supposed the greatest height capable of refracting the solar ray, to be 5576 feet. My ideas on this topic had also received confirmation by a passage in the eighty-second volume of the Philosophical Transactions, in which it is stated, that, at an occultation of Jupiter's satellites, the third disappeared after having been about 1″ or 2″ of time indistinct, and the fourth became indiscernible near the limb.*

"Upon the resistance or, more properly, upon the support of an atmosphere, existing in the state of density imagined, I had, of course, entirely depended for the safety of my ultimate descent. Should I then, after all, prove to have been mistaken, I had in consequence nothing better to expect, as a *finale* to my adventure,

* Hevelius writes that he has several times found, in skies perfectly clear, when even stars of the sixth and seventh magnitude were conspicuous, that, at the same altitude of the moon, at the same elongation from the earth, and with one and the same excellent telescope, the moon and its maculæ did not appear equally well at all times. From the circumstances of the observation, it is evident that the cause of this phenomenon is not either in our air, in the tube, in the moon, or in the eye of the spectator, but must be looked for in something (an atmosphere?) existing about the moon.

Cassini frequently observed Saturn, Jupiter, and the fixed stars when approaching the moon to occultation, to have their circular figure changed into an oval one; and, in other occultations, he found no alteration of figure at all. Hence it might be supposed, that *at some times*, and not at others, there is a dense matter encompassing the moon wherein the rays of the stars are refracted.

than being dashed into atoms against the rugged surface of the satellite. And, indeed, I had now every reason to be terrified. My distance from the moon was comparatively trifling, while the labor required by the condenser was diminished not at all, and I could discover no indication whatever of a decreasing rarity in the air.

"*April 19th.* This morning, to my great joy, about nine o'clock, the surface of the moon being frightfully near, and my apprehensions excited to the utmost, the pump of my condenser at length gave evident tokens of an alteration in the atmosphere. By ten, I had reason to believe its density considerably increased. By eleven, very little labor was necessary at the apparatus; and at twelve o'clock, with some hesitation, I ventured to unscrew the *tourniquet*, when, finding no inconvenience from having done so, I finally threw open the gum-elastic chamber, and unrigged it from around the car. As might have been expected, spasms and violent headache were the immediate consequences of an experiment so precipitate and full of danger. But these and other difficulties attending respiration, as they were by no means so great as to put me in peril of my life, I determined to endure as I best could, in consideration of my leaving them behind me momently in my approach to the denser *strata* near the moon. This approach, however, was still impetuous in the extreme; and it soon be-

came alarmingly certain that, although I had probably not been deceived in the expectation of an atmosphere dense in proportion to the mass of the satellite, still I had been wrong in supposing this density, even at the surface, at all adequate to the support of the great weight contained in the car of my balloon. Yet this *should* have been the case, and in an equal degree as at the surface of the earth, the actual gravity of bodies at either planet supposed in the ratio of the atmospheric condensation. That it *was not* the case, however, my precipitous downfall gave testimony enough; *why* it was not so, can only be explained by a reference to those possible geological disturbances to which I have formerly alluded. At all events I was now close upon the planet, and coming down with the most terrible impetuosity. I lost not a moment, accordingly, in throwing overboard first my ballast, then my water-kegs, then my condensing apparatus and gum-elastic chamber, and finally every article within the car. But it was all to no purpose. I still fell with horrible rapidity, and was now not more than half a mile from the surface. As a last resource, therefore, having got rid of my coat, hat, and boots, I cut loose from the balloon *the car itself*, which was of no inconsiderable weight, and thus, clinging with both hands to the net-work, I had barely time to observe that the whole country, as far as the eye could reach, was thickly interspersed with diminutive habi-

tations, ere I tumbled headlong into the very heart of a fantastical-looking city, and into the middle of a vast crowd of ugly little people, who none of them uttered a single syllable, or gave themselves the least trouble to render me assistance, but stood, like a parcel of idiots, grinning in a ludicrous manner, and eyeing me and my balloon askant, with their arms set a-kimbo. I turned from them in contempt, and, gazing upward at the earth so lately left, and left perhaps for ever, beheld it like a huge, dull, copper shield, about two degrees in diameter, fixed immovably in the heavens overhead, and tipped on one of its edges with a crescent border of the most brilliant gold. No traces of land or water could be discovered, and the whole was clouded with variable spots, and belted with tropical and equatorial zones.

"Thus, may it please your Excellencies, after a series of great anxieties, unheard-of dangers, and unparalleled escapes, I had, at length, on the nineteenth day of my departure from Rotterdam, arrived in safety at the conclusion of a voyage undoubtedly the most extraordinary, and the most momentous, ever accomplished, undertaken, or conceived by any denizen of earth. But my adventures yet remain to be related. And indeed your Excellencies may well imagine that, after a residence of five years upon a planet not only deeply interesting in its own peculiar character, but rendered doubly so by its intimate connection, in

capacity of satellite, with the world inhabited by man, I may have intelligence for the private ear of the States' College of Astronomers of far more importance than the details, however wonderful, of the mere *voyage* which so happily concluded. This is, in fact, the case. I have much—very much which it would give me the greatest pleasure to communicate. I have much to say of the climate of the planet; of its wonderful alternations of heat and cold; of unmitigated and burning sunshine for one fortnight, and more than polar frigidity for the next; of a constant transfer of moisture, by distillation like that *in vacuo*, from the point beneath the sun to the point the farthest from it; of a variable zone of running water; of the people themselves; of their manners, customs, and political institutions; of their peculiar physical construction; of their ugliness; of their want of ears, those useless appendages in an atmosphere so peculiarly modified; of their consequent ignorance of the use and properties of speech; of their substitute for speech in a singular method of inter-communication; of the incomprehensible connection between each particular individual in the moon with some particular individual on the earth—a connection analogous with, and depending upon, that of the orbs of the planet and the satellite, and by means of which the lives and destinies of the inhabitants of the one are interwoven with the lives and destinies of the inhabitants of the other; and

above all, if it so please your Excellencies—above all, of those dark and hideous mysteries which lie in the outer regions of the moon,—regions which, owing to the almost miraculous accordance of the satellite's rotation on its own axis with its sidereal revolution about the earth, have never yet been turned, and, by God's mercy, never shall be turned, to the scrutiny of the telescopes of man. All this, and more—much more—would I most willingly detail. But, to be brief, I must have my reward. I am pining for a return to my family and to my home; and as the price of any farther communication on my part—in consideration of the light which I have it in my power to throw upon many very important branches of physical and metaphysical science—I must solicit, through the influence of your honorable body, a pardon for the crime of which I have been guilty in the death of the creditors upon my departure from Rotterdam. This, then, is the object of the present paper. Its bearer, an inhabitant of the moon, whom I have prevailed upon, and properly instructed, to be my messenger to the earth, will await your Excellencies' pleasure, and return to me with the pardon in question, if it can, in any manner, be obtained.

"I have the honor to be, etc., your Excellencies' very humble servant, HANS PFAALL."

Upon finishing the perusal of this very extraordinary document, Professor Rubadub, it

is said, dropped his pipe upon the ground in the extremity of his surprise, and Mynheer Superbus Von Underduk having taken off his spectacles, wiped them, and deposited them in his pocket, so far forgot both himself and his dignity, as to turn round three times upon his heel in the quintessence of astonishment and admiration. There was no doubt about the matter —the pardon should be obtained. So at least swore, with a round oath, Professor Rubadub, and so finally thought the illustrious Von Underduk, as he took the arm of his brother in science, and without saying a word, began to make the best of his way home to deliberate upon the measures to be adopted. Having reached the door, however, of the burgomaster's dwelling, the professor ventured to suggest that as the messenger had thought proper to disappear—no doubt frightened to death by the savage appearance of the burghers of Rotterdam —the pardon would be of little use, as no one but a man of the moon would undertake a voyage to so vast a distance. To the truth of this observation the burgomaster assented, and the matter was therefore at an end. Not so, however, rumors and speculations. The letter, having been published, gave rise to a variety of gossip and opinion. Some of the over-wise even made themselves ridiculous by decrying the whole business as nothing better than a hoax. But hoax, with these sort of people, is, I believe, a general term for all matters above

their comprehension. For my part, I cannot conceive upon what data they have founded such an accusation. Let us see what they say:

Imprimis. That certain wags in Rotterdam have certain especial antipathies to certain burgomasters and astronomers.

Secondly. That an odd little dwarf and bottle conjurer, both of whose ears, for some misdemeanor, have been cut off close to his head, has been missing for several days from the neighboring city of Bruges.

Thirdly. That the newspapers which were stuck all over the little balloon were newspapers of Holland, and therefore could not have been made in the moon. They were dirty papers—very dirty—and Gluck, the printer, would take his bible oath to their having been printed in Rotterdam.

Fourthly. That Hans Pfaall himself, the drunken villain, and the three very idle gentlemen styled his creditors, were all seen, no longer than two or three days ago, in a tippling house in the suburbs, having just returned, with money in their pockets from a trip beyond the sea.

Lastly. That it is an opinion very generally received, or which ought to be generally received, that the College of Astronomers in the city of Rotterdam, as well as all other colleges in all other parts of the world,—not to mention colleges and astronomers in general,—are, to

say the least of the matter, not a whit better, nor greater, nor wiser than they ought to be.

NOTE.—Strictly speaking, there is but little similarity between the above sketchy trifle and the celebrated "Moon-Story" of Mr. Locke; but as both have the character of *hoaxes* (although the one is in a tone of banter, the other of downright earnest), and as both hoaxes are on the same subject, the moon,—moreover, as both attempt to give plausibility by scientific detail,—the author of "Hans Pfaall" thinks it necessary to say, *in self-defence*, that his own *jeu d'esprit* was published, in the *Southern Literary Messenger*, about three weeks before the commencement of Mr. L.'s in the *New York Sun*. Fancying a likeness which, perhaps, does not exist, some of the New York papers copied "Hans Pfaall," and collated it with the "Moon-Hoax," by way of detecting the writer of the one in the writer of the other.

As many more persons were actually gulled by the "Moon-Hoax" than would be willing to acknowledge the fact, it may here afford some little amusement to show why no one should have been deceived—to point out those particulars of the story which should have been sufficient to establish its real character. Indeed, however rich the imagination displayed in this ingenious fiction, it wanted much of the force which might have been given it by a more scrupulous attention to facts and to general analogy. That the public were misled, even for an instant, merely proves the gross ignorance which is so generally prevalent upon subjects of an astronomical nature.

The moon's distance from the earth is, in round numbers, 240,000 miles. If we desire to ascertain how near, apparently, a lens would bring the satellite (or any distant object), we, of course, have but to divide the distance by the magnifying or, more strictly, by the space-penetrating power of the glass. Mr. L. makes his lens have a power of 42,000 times. By this divide 240,000 (the moon's real distance), and we have five miles and five sevenths, as the apparent distance. No animal at all could be seen so far: much less the minute points particularized in the story. Mr. L. speaks about Sir John Herschel's perceiving flowers (the Papaver rheas, etc.), and even detecting the color and the shape of the eyes of small birds. Shortly before, too, he has himself observed that the lens would not render perceptible objects of less than eighteen inches in diameter; but even this, as I have said, is giving the glass by far too great power. It may be observed, in passing, that this prodigious glass is said to have been modelled at the glass-house of Messrs. Hartley and Grant, in Dumbarton: but Messrs. H. and G.'s establishment had ceased operations for many years previous to the publication of the hoax.

On page 13, pamphlet edition, speaking of "a hairy veil" over the eyes of a species of bison, the author says: "It immediately occurred to the acute mind of Dr. Herschel that this was a providential contrivance to protect the eyes of the animal from

the great extremes of light and darkness to which all the inhabitants of our side of the moon are periodically subjected." But this cannot be thought a very "acute" observation of the Doctor's. The inhabitants of our side of the moon have, evidently, no darkness at all, so there can be nothing of the "extremes" mentioned. In the absence of the sun they have a light from the earth equal to that of thirteen full unclouded moons.

The topography throughout, even when professing to accord with Blunt's Lunar Chart, is entirely at variance with that or any other lunar chart, and even grossly at variance with itself. The points of the compass, too, are in inextricable confusion; the writer appearing to be ignorant that, on a lunar map, these are not in accordance with terrestrial points; the east being to the left, etc.

Deceived, perhaps, by the vague titles, *Mare Nubium*, *Mare Tranquillitatis*, *Mare Fœcunaitatis*, etc., given to the dark spots by former astronomers, Mr. L. has entered into details regarding oceans and other large bodies of water in the moon; whereas there is no astronomical point more positively ascertained than that no such bodies exist there. In examining the boundary between light and darkness (in the crescent or gibbous moon) where this boundary crosses any of the dark places, the line of division is found to be rough and jagged; but, were these dark places liquid, it would evidently be even.

The description of the wings of the man-bat, on page 21, is but a literal copy of Peter Wilkins' account of the wings of his flying islanders. This simple fact should have induced suspicion, at least, it might be thought.

On page 23, we have the following: "What a prodigious influence must our thirteen times larger globe have exercised upon this satellite when an embryo in the womb of time, the passive subject of chemical affinity!" This is very fine; but it should be observed that no astronomer would have made such remark, especially to any Journal of Science; for the earth, in the sense intended, is not only thirteen, but forty-nine times *larger* than the moon. A similar objection applies to the whole of the concluding pages, where, by way of introduction to some discoveries in Saturn, this philosophical correspondent enters into a minute school-boy account of that planet:—this to the *Edinburgh Journal of Science!*

But there is one point, in particular, which should have betrayed the fiction. Let us imagine the power actually possessed of seeing animals upon the moon's surface;—what would *first* arrest the attention of an observer from the earth? Certainly neither their shape, size, nor any other such peculiarity, so soon as their remarkable *situation*. They would appear to be walking, with heels up and head down, in the manner of flies on a ceiling. The *real* observer would have uttered an instant ejaculation of surprise (however prepared by previous knowledge) at the singularity of their position; the *fictitious* observer has not even mentioned the subject, but speaks of seeing the entire bodies of such creatures, when it is demonstrable that he could have seen only the diameter of their heads!

It might as well be remarked, in conclusion, that the size, and particularly the powers of the man-bats (for example, their ability to fly in so rare an atmosphere—if, indeed, the moon have any), with most of the other fancies in regard to animal and vegetable existence, are at variance, generally, with all analogical reasoning on these themes; and that analogy here will often amount to conclusive demonstration. It is, perhaps, scarcely necessary to add, that all the suggestions attributed to Brewster and Herschel, in the beginning of the article, about "a transfusion of artificial light through the focal object of vision," etc., etc., belong to that species of figurative writing which comes, most properly, under the denomination of rigmarole.

There is a real and very definite limit to optical discovery among the stars—a limit whose nature need only be stated to be understood. If, indeed, the casting of large lenses were all that is required, man's ingenuity would ultimately prove equal to the task, and we might have them of any size demanded. But, unhappily, in proportion to the increase of size in the lens, and consequently, of space-penetrating power, is the diminution of light from the object, by diffusion of its rays. And for this evil there is no remedy within human ability; for an object is seen by means of that light alone which proceeds from itself, whether direct or reflected. Thus the only "*artificial*" light which could avail Mr. Locke, would be some artificial light which he should be able to throw—not upon the "focal object of vision," but upon the real object to be viewed—to wit: *upon the moon*. It has been easily calculated that, when the light proceeding from a star becomes so diffused as to be as weak as the natural light proceeding from the whole of the stars, in a clear and moonless night, then the star is no longer visible for any practical purpose.

The Earl of Ross telescope, lately constructed in England, has a *speculum* with a reflecting surface of 4071 square inches: the Herschel telescope having one of only 1811. The metal of the Earl of Ross's is 6 feet diameter; it is 5½ inches thick at the edges, and 5 at the centre. The weight is 8 tons. The focal length is 50 feet.

I have lately read a singular and somewhat ingenious little book, whose title-page runs thus: "L'Homme dans la Lune, ou le Voyage Chimerique fait au Monde de la Lune, nouvellement decouvert par Dominique Gonzales, Adventurier Espagnol, autremét dit le Courier volant. Mis en notre langve par J. B. D. A. Paris, chez Francois Piot, pres la Fontaine de Saint Benoist. Et chez J. Goignard, au premier pilier de la grand' salle du Palais, proche les Consultations. MDC'XLVII." Pp. 176.

The writer professes to have translated his work from the English of one Mr. D'Avisson (Davison?), although there is a terrible ambiguity in the statement. "I' en ai eu" says he, "l'original de Monsieur D'Avisson, medecin des mieux versez qui soient aujourd'huy dans la connoissance des Belles Lettres, et sur tout de la Philosophie Naturelle. Je lui ai cette obligation entre les autres, de m'avoir non seulement mis en main ce

Livre en anglois, mais encore le Manuscrit du Sieur Thomas D'Anan, gentilhomme Eccossois, recommandable pour sa vertu, sur la version duquel j' advoue que j' ay tiré le plan de la mienne."

After some irrelevant adventures, much in the manner of Gil Blas, and which occupy the first thirty pages, the author relates that, being ill during a sea voyage, the crew abandoned him, together with a negro servant, on the island of St. Helena. To increase the chances of obtaining food, the two separate, and live as far apart as possible. This brings about a training of birds, to serve the purpose of carrier-pigeons between them. By and by these are taught to carry parcels of some weight—and this weight is gradually increased. At length the idea is entertained of uniting the force of a great number of the birds, with a view to raising the author himself. A machine is contrived for the purpose, and we have a minute description of it, which is materially helped out by a steel engraving. Here we perceive the Signor Gonzales, with point ruffles and a huge periwig, seated astride something which resembles very closely a broomstick, and borne aloft by a multitude of wild swans (*ganzas*) who had strings reaching from their tails to the machine.

The main event detailed in the Signor's narrative depends upon a very important fact, of which the reader is kept in ignorance until near the end of the book. The *ganzas*, with whom he had become so familiar, were not really denizens of St. Helena, but of the moon. Thence it had been their custom, time out of mind, to migrate annually to some portion of the earth. In proper season, of course, they would return home; and the author, happening, one day, to require their services for a short voyage, is unexpectedly carried straight up, and in a very brief period arrives at the satellite. Here he finds, among other odd things, that the people enjoy extreme happiness; that they have *no law*; that they die without pain; that they are from ten to thirty feet in height; that they live five thousand years; that they have an emperor called Irdonozur; and that they can jump sixty feet high, when, being out of the gravitating influence, they fly about with fans.

I cannot forbear giving a specimen of the general *philosophy* of the volume.

"I must now declare to you," says the Signor Gonzales, "the nature of the place in which I found myself. All the clouds were beneath my feet, or, if you please, spread between me and the earth. As to the stars, *since there was no night where I was, they always had the same appearance; not brilliant, as usual, but pale, and very nearly like the moon of a morning.* But few of them were visible, and these ten times larger (as well as I could judge) than they seem to the inhabitants of the earth. The moon, which wanted two days of being full, was of a terrible bigness.

"I must not forget here, that the stars appeared only on that side of the globe turned toward the moon, and that the closer they were to it the larger they seemed. I have also to inform

you that, whether it was calm weather or stormy, I found myself *always immediately between the moon and the earth*. I was convinced of this for two reasons—because my birds always flew in a straight line; and because whenever we attempted to rest, *we were carried insensibly around the globe of the earth*. For I admit the opinion of Copernicus, who maintains that it never ceases to revolve *from the east to the west*, not upon the poles of the Equinoctial, commonly called the poles of the world, but upon those of the Zodiac, a question of which I propose to speak more at length hereafter, when I shall have leisure to refresh my memory in regard to the astrology which I learned at Salamanca when young, and have since forgotten."

Notwithstanding the blunders italicized, the book is not without some claim to attention, as affording a naïve specimen of the current astronomical notions of the time. One of these assumed, that the "gravitating power" extended but a short distance from the earth's surface, and, accordingly, we find our voyager "carried insensibly around the globe," etc.

There have been other "voyages to the moon," but none of higher merit than the one just mentioned. That of Bergerac is utterly meaningless. In the third volume of the *American Quarterly Review* will be found quite an elaborate criticism upon a certain "Journey" of the kind in question;—a criticism in which it is difficult to say whether the critic most exposes the stupidity of the book, or his own absurd ignorance of astronomy. I forget the title of the work; but the *means* of the voyage are more deplorably ill conceived than are even the *data* of our friend the Signor Gonzales. The adventurer, in digging the earth, happens to discover a peculiar metal for which the moon has a strong attraction, and straightway constructs of it a box, which, when cast loose from its terrestrial fastenings, flies with him, forthwith, to the satellite. The "Flight of Thomas O'Rourke," is a *jeu d'esprit* not altogether contemptible, and has been translated into German. Thomas, the hero, was, in fact, the game-keeper of an Irish peer, whose eccentricities gave rise to the tale. The "flight" is made on an eagle's back, from Hungry Hill, a lofty mountain at the end of Bantry Bay.

In these various *brochures* the aim is always satirical; the theme being a description of Lunarian customs as compared with ours. In none is there any effort at *plausibility* in the details of the voyage itself. The writers seem, in each instance, to be utterly uninformed in respect to astronomy. In "Hans Pfaall" the design is original, inasmuch as regards an attempt at *verisimilitude*, in the application of scientific principles (so far as the whimsical nature of the subject would permit), to the actual passage between the earth and the moon.

THE GOLD-BUG.

What ho! what ho! this fellow is dancing mad!
He hath been bitten by the Tarantula.

—All in the Wrong.

MANY years ago, I contracted an intimacy with a Mr. William Legrand. He was of an ancient Huguenot family, and had once been wealthy; but a series of misfortunes had reduced him to want. To avoid the mortification consequent upon his disasters, he left New Orleans, the city of his forefathers, and took up his residence at Sullivan's Island, near Charleston, South Carolina.

This island is a very singular one. It consists of little else than the sea sand, and is about three miles long. Its breadth at no point exceeds a quarter of a mile. It is separated from the mainland by a scarcely perceptible creek, oozing its way through a wilderness of reeds and slime, a favorite resort of the marsh-hen. The vegetation, as might be supposed, is scant, or at least dwarfish. No trees of any magnitude are to be seen. Near the western extremity, where Fort Moultrie stands, and where are some miserable frame buildings, tenanted, dur-

ing summer, by the fugitives from Charleston dust and fever, may be found, indeed, the bristly palmetto; but the whole island, with the exception of this western point, and a line of hard, white beach on the sea-coast, is covered with a dense undergrowth of the sweet myrtle so much prized by the horticulturists of England. The shrub here often attains the height of fifteen or twenty feet, and forms an almost impenetrable coppice, burthening the air with its fragrance.

In the inmost recesses of this coppice, not far from the eastern or more remote end of the island, Legrand had built himself a small hut, which he occupied when I first, by mere accident, made his acquaintance. This soon ripened into friendship—for there was much in the recluse to excite interest and esteem. I found him well educated, with unusual powers of mind, but infected with misanthropy, and subject to perverse moods of alternate enthusiasm and melancholy. He had with him many books, but rarely employed them. His chief amusements were gunning and fishing, or sauntering along the beach and through the myrtles, in quest of shells or entomological specimens—his collection of the latter might have been envied by a Swammerdamm. In these excursions he was usually accompanied by an old negro, called Jupiter, who had been manumitted before the reverses of the family, but who could be induced, neither by threats nor

by promises, to abandon what he considered his right of attendance upon the footsteps of his young "Massa Will." It is not improbable that the relatives of Legrand, conceiving him to be somewhat unsettled in intellect, had contrived to instil this obstinacy into Jupiter, with a view to the supervision and guardianship of the wanderer.

The winters in the latitude of Sullivan's Island are seldom very severe, and in the fall of the year it is a rare event indeed when a fire is considered necessary. About the middle of October, 18—, there occurred, however, a day of remarkable chilliness. Just before sunset I scrambled my way through the evergreens to the hut of my friend, whom I had not visited for several weeks—my residence being, at that time, in Charleston, a distance of nine miles from the island, while the facilities of passage and re-passage were very far behind those of the present day. Upon reaching the hut I rapped, as was my custom, and getting no reply, sought for the key where I knew it was secreted, unlocked the door, and went in. A fine fire was blazing upon the hearth. It was a novelty, and by no means an ungrateful one. I threw off an overcoat, took an arm-chair by the crackling logs, and awaited patiently the arrival of my hosts.

Soon after dark they arrived, and gave me a most cordial welcome. Jupiter, grinning from ear to ear, bustled about to prepare some

marsh-hens for supper. Legrand was in one of his fits—how else shall I term them?—of enthusiasm. He had found an unknown bivalve, forming a new genus, and, more than this, he had hunted down and secured, with Jupiter's assistance, a *scarabæus* which he believed to be totally new, but in respect to which he wished to have my opinion on the morrow.

"And why not to-night?" I asked, rubbing my hands over the blaze, and wishing the whole tribe of *scarabæi* at the devil.

"Ah, if I had only known you were here!" said Legrand, "but it's so long since I saw you; and how could I foresee that you would pay me a visit this very night of all others? As I was coming home I met Lieutenant G——, from the fort, and, very foolishly, I lent him the bug; so it will be impossible for you to see it until the morning. Stay here to-night, and I will send Jup down for it at sunrise. It is the loveliest thing in creation!"

"What?—sunrise?"

"Nonsense! no!—the bug. It is of a brilliant gold color—about the size of a large hickory-nut—with two jet black spots near one extremity of the back, and another, somewhat longer, at the other. The *antennæ* are—"

"Dey ain't *no* tin in him, Massa Will, I keep a tellin' on you," here interrupted Jupiter; "de bug is a goole-bug, solid, ebery bit of him, inside and all, sep him wing—neber feel half so hebby a bug in my life."

"Well, suppose it is, Jup," replied Legrand, somewhat more earnestly, it seemed to me, than the case demanded; "is that any reason for your letting the birds burn? The color"—here he turned to me—"is really almost enough to warrant Jupiter's idea. You never saw a more brilliant metallic lustre than the scales emit—but of this you cannot judge till to-morrow. In the meantime I can give you some idea of the shape." Saying this, he seated himself at a small table, on which were a pen and ink, but no paper. He looked for some in a drawer, but found none.

"Never mind," he said at length, "this will answer;" and he drew from his waistcoat pocket a scrap of what I took to be very dirty foolscap, and made upon it a rough drawing with the pen. While he did this, I retained my seat by the fire, for I was still chilly. When the design was complete, he handed it to me without rising. As I received it, a loud growl was heard, succeeded by a scratching at the door. Jupiter opened it, and a large Newfoundland, belonging to Legrand, rushed in, leaped upon my shoulders, and loaded me with caresses; for I had shown him much attention during previous visits. When his gambols were over, I looked at the paper, and, to speak the truth, found myself not a little puzzled at what my friend had depicted.

"Well!" I said, after contemplating it for some minutes, "this *is* a strange *scarabæus,* I

must confess; new to me; never saw anything like it before—unless it was a skull, or a death's-head, which it more nearly resembles than anything else that has come under *my* observation."

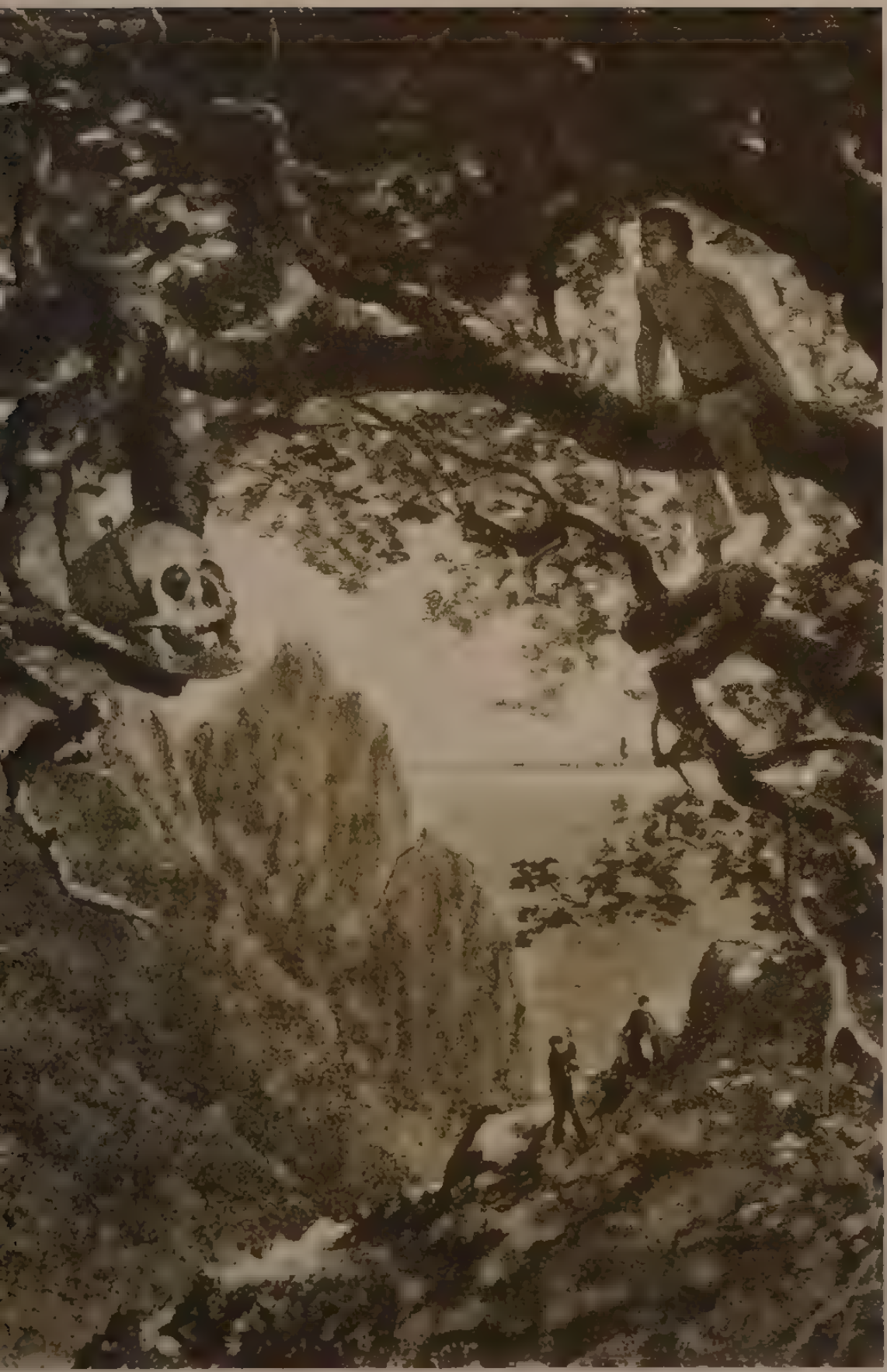
"A death's-head!" echoed Legrand. "Oh—yes—well, it has something of that appearance upon paper, no doubt. The two upper black spots look like eyes, eh? and the longer one at the bottom like a mouth—and then the shape of the whole is oval."

"Perhaps so," said I; "but, Legrand, I fear you are no artist. I must wait until I see the beetle itself, if I am to form any idea of its personal appearance."

"Well, I don't know," said he, a little nettled, "I draw tolerably—*should* do it at least—have had good masters, and flatter myself that I am not quite a blockhead."

"But, my dear fellow, you are joking then," said I, "this is a very passable *skull*—indeed, I may say that it is a very *excellent* skull, according to the vulgar notions about such specimens of physiology—and your *scarabæus* must be the queerest *scarabæus* in the world if it resembles it. Why, we may get up a very thrilling bit of superstition upon this hint. I presume you will call the bug *scarabæus caput hominis*, or something of that kind—there are many similar titles in the Natural Histories. But where are the *antennæ* you spoke of?"

"The *antennæ!*" said Legrand, who seemed



THE GOLD BUG.

to be getting unaccountably warm upon the subject; "I am sure you must see the *antennæ*. I made them as distinct as they are in the original insect, and I presume that is sufficient."

"Well, well," I said, "perhaps you have—still I don't see them;" and I handed him the paper without additional remark, not wishing to ruffle his temper; but I was much surprised at the turn affairs had taken; his ill humor puzzled me—and, as for the drawing of the beetle, there were positively *no antennæ* visible, and the whole *did* bear a very close resemblance to the ordinary cuts of a death's-head.

He received the paper very peevishly, and was about to crumple it, apparently to throw it in the fire, when a casual glance at the design seemed suddenly to rivet his attention. In an instant his face grew violently red—in another excessively pale. For some minutes he continued to scrutinize the drawing minutely where he sat. At length he arose, took a candle from the table, and proceeded to seat himself upon a sea-chest in the farthest corner of the room. Here again he made an anxious examination of the paper; turning it in all directions. He said nothing, however, and his conduct greatly astonished me; yet I thought it prudent not to exacerbate the growing moodiness of his temper by any comment. Presently he took from his coat-pocket a wallet, placed the paper carefully in it, and deposited both in a writing-desk, which he locked.

He now grew more composed in his demeanor; but his original air of enthusiasm had quite disappeared. Yet he seemed not so much sulky as abstracted. As the evening wore away he became more and more absorbed in revery, from which no sallies of mine could arouse him. It had been my intention to pass the night at the hut, as I had frequently done before, but, seeing my host in this mood, I deemed it proper to take leave. He did not press me to remain, but, as I departed, he shook my hand with even more than his usual cordiality.

It was about a month after this (and during the interval I had seen nothing of Legrand) when I received a visit, at Charleston, from his man, Jupiter. I had never seen the good old negro look so dispirited, and I feared that some serious disaster had befallen my friend.

"Well, Jup," said I, "what is the matter now?—how is your master?"

"Why, to speak de troof, massa, him not so berry well as mought be."

"Not well! I am truly sorry to hear it. What does he complain of?"

"Dar! dat's it!—him neber 'plain of notin'—but him berry sick for all dat."

"*Very* sick, Jupiter!—why didn't you say so at once? Is he confined to bed?"

"No, dat he aint!—he aint 'fin'd nowhar—dat's just whar de shoe pinch—my mind is got to be berry hebby 'bout poor Massa Will."

"Jupiter, I should like to understand what it is you are talking about. You say your master is sick. Hasn't he told you what ails him?"

"Why, massa, 'taint worf while for to git mad about de matter—Massa Will say noffin at all aint de matter wid him—but den what make him go about looking dis here way, wid he head down and he soldiers up, and as white as a goose? And den he keep a syphon all de time——"

"Keeps a what, Jupiter?"

"Keeps a syphon wid de figgurs on de slate—de queerest figgurs I ebber did see. Ise gittin' to be skeered, I tell you. Hab for to keep mighty tight eye 'pon him 'noovers. Todder day he gib me slip 'fore de sun up and was gone de whole ob de blessed day. I had a big stick ready cut for to gib him deuced good beating when he did come—but Ise sich a fool dat I hadn't de heart arter all—he looked so berry poorly."

"Eh?—what?—ah yes!—upon the whole I think you had better not be too severe with the poor fellow—don't flog him, Jupiter—he can't very well stand it—but can you form no idea of what has occasioned this illness, or rather this change of conduct? Has anything unpleasant happened since I saw you?"

"No, massa, dey aint bin noffin onpleasant *since* den—'twas *'fore* den I'm feared—'twas de berry day you was dare."

"How? what do you mean?"

"Why, massa, I mean de bug—dare now."

"The what?"

"De bug—I'm berry sartin dat Massa Will bin bit somewhere 'bout de head by dat goole-bug."

"And what cause have you, Jupiter, for such a supposition?"

"Claws enuff, massa, and mouff, too. I nebber did see sich a deuced bug—he kick and he bite ebery ting what cum near him. Massa Will cotch him fuss, but had for to let him go 'gin mighty quick, I tell you—den was de time he must ha' got de bite. I didn't like de look ob de bug mouff, myself, nohow, so I wouldn't take hold ob him wid my finger, but I cotch him wid a piece ob paper dat I found. I rap him up in de paper and stuff a piece of it in he mouff—dat was de way."

"And you think, then, that your master was really bitten by the beetle, and that the bite made him sick?"

"I don't think noffin about it—I nose it. What make him dream 'bout de goole so much, if 'taint cause he bit by the goole-bug? Ise heered 'bout dem goole-bugs 'fore dis."

"But how do you know he dreams about gold?"

"How I know? why, 'cause he talk about it in he sleep—dat's how I nose."

"Well, Jup, perhaps you are right; but to

what fortunate circumstance am I to attribute the honor of a visit from you to-day?"

"What de matter, massa?"

"Did you bring any message from Mr. Legrand?"

"No, massa, I bring dis here pissel;" and here Jupiter handed me a note which ran thus:

"My Dear ——

"Why have I not seen you for so long a time? I hope you have not been so foolish as to take offence at any little *brusquerie* of mine; but no, that is improbable.

"Since I saw you I have had great cause for anxiety. I have something to tell you, yet scarcely know how to tell it, or whether I should tell it at all.

"I have not been quite well for some days past, and poor old Jup annoys me, almost beyond endurance, by his well-meant attentions. Would you believe it?—he had prepared a huge stick, the other day, with which to chastise me for giving him the slip, and spending the day, *solus,* among the hills on the main land. I verily believe that my ill looks alone saved me a flogging.

"I have made no addition to my cabinet since we met.

"If you can, in any way, make it convenient, come over with Jupiter. *Do* come. I wish to see you *to-night,* upon business of importance.

I assure you that it is of the *highest* importance.

"Ever yours,

"WILLIAM LEGRAND."

There was something in the tone of this note which gave me great uneasiness. Its whole style differed materially from that of Legrand. What could he be dreaming of? What new crotchet possessed his excitable brain? What "business of the highest importance" could *he* possibly have to transact? Jupiter's account of him boded no good. I dreaded lest the continued pressure of misfortune had, at length, fairly unsettled the reason of my friend. Without a moment's hesitation, therefore, I prepared to accompany the negro.

Upon reaching the wharf, I noticed a scythe and three spades, all apparently new, lying in the bottom of the boat in which we were to embark.

"What is the meaning of all this, Jup?" I inquired.

"Him sythe, massa, and spade."

"Very true; but what are they doing here?"

"Him de sythe and de spade what Massa Will sis 'pon my buying for him in de town, and de debbil's own lot of money I had to gib for 'em."

"But what, in the name of all that is mysterious, is your 'Massa Will' going to do with scythes and spades?"

"Dat's more dan *I* know, and debbil take me

if I don't b'lieve 'tis more dan he know too. But it's all cum ob de bug."

Finding that no satisfaction was to be obtained of Jupiter, whose whole intellect seemed to be absorbed by "de bug," I now stepped into the boat, and made sail. With a fair and strong breeze we soon ran into the little cove to the northward of Fort Moultrie, and a walk of some two miles brought us to the hut. It was about three in the afternoon when we arrived. Legrand had been awaiting us in eager expectation. He grasped my hand with a nervous *empressement* which alarmed me and strengthened the suspicions already entertained. His countenance was pale even to ghastliness, and his deep-set eyes glared with unnatural lustre. After some inquiries respecting his health, I asked him, not knowing what better to say, if he had yet obtained the *scarabæus* from Lieutenant G——.

"Oh, yes," he replied, coloring violently, "I got it from him the next morning. Nothing should tempt me to part with that *scarabæus*. Do you know that Jupiter is quite right about it?"

"In what way?" I asked, with a sad foreboding at heart.

"In supposing it to be a bug of *real gold*." He said this with an air of profound seriousness, and I felt inexpressibly shocked.

"This bug is to make my fortune," he continued, with a triumphant smile; "to reinstate

me in my family possessions. Is it any wonder, then, that I prize it? Since Fortune has thought fit to bestow it upon me, I have only to use it properly, and I shall arrive at the gold of which it is the index. Jupiter, bring me that *scarabæus!*"

"What! de bug, massa? I'd rudder not go fer trubble dat bug; you mus' git him for your own self." Hereupon Legrand arose, with a grave and stately air, and brought me the beetle from a glass case in which it was enclosed. It was a beautiful *scarabæus*, and, at that time, unknown to naturalists—of course a great prize in a scientific point of view. There were two round black spots near one extremity of the back, and a long one near the other. The scales were exceedingly hard and glossy, with all the appearance of burnished gold. The weight of the insect was very remarkable, and, taking all things into consideration, I could hardly blame Jupiter for his opinion respecting it; but what to make of Legrand's concordance with that opinion, I could not, for the life of me, tell.

"I sent for you," said he, in a grandiloquent tone, when I had completed my examination of the beetle, "I sent for you that I might have your counsel and assistance in furthering the views of Fate and of the bug—"

"My dear Legrand," I cried, interrupting him, "you are certainly unwell, and had better use some little precautions. You shall go to bed, and I will remain with you a few days,

until you get over this. You are feverish and—"

"Feel my pulse," said he.

I felt it, and, to say the truth, found not the slightest indication of fever.

"But you may be ill and yet have no fever. Allow me this once to prescribe for you. In the first place go to bed. In the next—"

"You are mistaken," he interposed, "I am as well as I can expect to be under the excitement which I suffer. If you really wish me well, you will relieve this excitement."

"And how is this to be done?"

"Very easily. Jupiter and myself are going upon an expedition into the hills, upon the main land, and, in this expedition, we shall need the aid of some person in whom we can confide. You are the only one we can trust. Whether we succeed or fail, the excitement which you now perceive in me will be equally allayed."

"I am anxious to oblige you in any way," I replied; "but do you mean to say that this infernal beetle has any connection with your expedition into the hills?"

"It has."

"Then, Legrand, I can become a party to no such absurd proceeding."

"I am sorry—very sorry—for we shall have to try it by ourselves."

"Try it by yourselves! The man is surely

mad!—but stay!—how long do you propose to be absent?"

"Probably all night. We shall start immediately, and be back, at all events, by sunrise."

"And will you promise me, upon your honor, that when this freak of yours is over, and the bug business (good God!) settled to your satisfaction, you will then return home and follow my advice implicitly, as that of your physician."

"Yes; I promise; and now let us be off, for we have no time to lose."

With a heavy heart I accompanied my friend. We started about four o'clock—Legrand, Jupiter, the dog, and myself. Jupiter had with him the scythe and spades—the whole of which he insisted upon carrying—more through fear, it seemed to me, of trusting either of the implements within reach of his master, than from any excess of industry or complaisance. His demeanor was dogged in the extreme, and "dat deuced bug" were the sole words which escaped his lips during the journey. For my own part, I had charge of a couple of dark lanterns, while Legrand contented himself with the *scarabæus*, which he carried attached to the end of a bit of whip-cord; twirling it to and fro, with the air of a conjuror, as he went. When I observed this last, plain evidence of my friend's aberration of mind, I could scarcely refrain from tears. I thought it best, however, to humor his fancy, at least for the present, or until I could adopt some more energetic measures with

a chance of success. In the meantime I endeavored, but all in vain, to sound him in regard to the object of the expedition. Having succeeded in inducing me to accompany him, he seemed unwilling to hold conversation upon any topic of minor importance, and to all my questions vouchsafed no other reply than "we shall see!"

We crossed the creek at the head of the island by means of a skiff, and, ascending the high grounds on the shore of the main land, proceeded in a northwesterly direction, through a tract of country excessively wild and desolate, where no trace of a human footstep was to be seen. Legrand led the way with decision; pausing only for an instant, here and there, to consult what appeared to be certain landmarks of his own contrivance upon a former occasion.

In this manner we journeyed for about two hours, and the sun was just setting when we entered a region infinitely more dreary than any yet seen. It was a species of tableland, near the summit of an almost inaccessible hill, densely wooded from base to pinnacle, and interspersed with huge crags that appeared to lie loosely upon the soil, and in many cases were prevented from precipitating themselves into the valleys below, merely by the support of the trees against which they reclined. Deep ravines, in various directions, gave an air of still sterner solemnity to the scene.

The natural platform to which we had clambered was thickly overgrown with brambles, through which we soon discovered that it would have been impossible to force our way but for the scythe; and Jupiter, by direction of his master, proceeded to clear for us a path to the foot of an enormously tall tulip-tree, which stood, with some eight or ten oaks, upon the level, and far surpassed them all, and all other trees which I had then ever seen, in the beauty of its foliage and form, in the wide spread of its branches, and in the general majesty of its appearance. When we reached this tree, Legrand turned to Jupiter, and asked him if he thought he could climb it. The old man seemed a little staggered by the question, and for some moments made no reply. At length he approached the huge trunk, walked slowly around it, and examined it with minute attention. When he had completed his scrutiny, he merely said:

"Yes, massa, Jup climb any tree he ebber see in he life."

"Then up with you as soon as possible, for it will soon be too dark to see what we are about."

"How far mus' go up, massa?" inquired Jupiter.

"Get up the main trunk first, and then I will tell you which way to go—and here—stop! take this beetle with you."

"De bug, Massa Will!—de goole-bug!" cried the negro, drawing back in dismay—

"what for mus tote de bug way up de tree?—d—n if I do!"

"If you are afraid, Jup, a great big negro like you, to take hold of a harmless little dead beetle, why you can carry it up by this string—but, if you do not take it up with you in some way, I shall be under the necessity of breaking your head with this shovel."

"What de matter now, massa?" said Jup, evidently shamed into compliance; "always want for to raise fuss wid old nigger. Was only funnin anyhow. *Me* feered de bug! what I keer for de bug?" Here he took cautiously hold of the extreme end of the string, and, maintaining the insect as far from his person as circumstances would permit, prepared to ascend the tree.

In youth, the tulip-tree, or *Liriodendron Tulipiferum*, the most magnificent of American forresters, has a trunk peculiarly smooth, and often rises to a great height without lateral branches; but, in its riper age, the bark becomes gnarled and uneven, while many short limbs make their appearance on the stem. Thus the difficulty of ascension, in the present case, lay more in semblance than in reality. Embracing the huge cylinder, as closely as possible, with his arms and knees, seizing with his hands some projections, and resting his naked toes upon others, Jupiter, after one or two narrow escapes from falling, at length wriggled himself into the first great fork, and seemed to

consider the whole business as virtually accomplished. The *risk* of the achievement was, in fact, now over, although the climber was some sixty or seventy feet from the ground.

"Which way mus go now, Massa Will?" he asked.

"Keep up the largest branch—the one on this side," said Legrand. The negro obeyed him promptly, and apparently with but little trouble; ascending higher and higher, until no glimpse of his squat figure could be obtained through the dense foliage which enveloped it. Presently his voice was heard in a sort of halloo.

"How much fudder is got for go?"

"How high up are you?" asked Legrand.

"Ebber so fur," replied the negro; "can see de sky fru de top ob de tree."

"Never mind the sky, but attend to what I say. Look down the trunk and count the limbs below you on this side. How many limbs have you passed?"

"One, two, tree, four, fibe—I done pass fibe big limb, massa, 'pon dis side."

"Then go one limb higher."

In a few minutes the voice was heard again, announcing that the seventh limb was attained.

"Now, Jup," cried Legrand, evidently much excited, "I want you to work your way out upon that limb as far as you can. If you see anything strange let me know."

By this time what little doubt I might have entertained of my poor friend's insanity was

put finally at rest. I had no alternative but to conclude him stricken with lunacy, and I became seriously anxious about getting him home. While I was pondering upon what was best to be done, Jupiter's voice was again heard.

"Mos feered for to ventur pon dis limb berry far—'tis dead limb putty much all de way."

"Did you say it was a *dead* limb, Jupiter?" cried Legrand in a quavering voice.

"Yes, massa, him dead as de door-nail—done up for sartin—done departed dis here life."

"What in the name of heaven shall I do?" asked Legrand, seemingly in the greatest distress.

"Do!" said I, glad of an opportunity to interpose a word, "why come home and go to bed. Come now!—that's a fine fellow. It's getting late, and, besides, you remember your promise."

"Jupiter," cried he, without heeding me in the least, "do you hear me?"

"Yes, Massa Will, hear you ebber so plain."

"Try the wood well, then, with your knife, and see if you think it *very* rotten."

"Him rotten, massa, sure nuff," replied the negro in a few moments, "but not so berry rotten as mought be. Mought venture out leetle way pon de limb by myself, dat's true."

"By yourself!—what do you mean?"

"Why, I mean de bug. 'Tis *berry* hebby bug. Spose I drop him down fuss, and den de limb won't break wid just de weight of one nigger."

"You infernal scoundrel!" cried Legrand, apparently much relieved, "what do you mean by telling me such nonsense as that? As sure as you drop that beetle I'll break your neck. Look here, Jupiter, do you hear me?"

"Yes, massa, needn't hollo at poor nigger dat style."

"Well! now listen!—if you will venture out on the limb as far as you think safe, and not let go the beetle, I'll make you a present of a silver dollar as soon as you get down."

"I'm gwine, Massa Will—deed I is," replied the negro very promptly—"mos out to the eend now."

"*Out to the end!*" here fairly screamed Legrand; "do you say you are out to the end of that limb?"

"Soon be to de eend, massa—o-o-o-o-oh! Lor-gol-a-marcy! what *is* dis here pon de tree?"

"Well!" cried Legrand, highly delighted, "what is it?"

"Why 'taint noffin but a skull—somebody bin lef him head up de tree, and de crows done gobble ebery bit ob de meat off."

"A skull, you say!—very well.—how is it fastened to the limb?—what holds it on?"

"Sure nuff, massa; mus look. Why dis berry curious sarcumstance, pon my word—dare's a great big nail in de skull, what fastens ob it on to de tree."

"Well now, Jupiter, do exactly as I tell you—do you hear?"

"Yes, massa."

"Pay attention, then—find the left eye of the skull."

"Hum! hoo! dat's good! why dey ain't no eye lef at all."

"Curse your stupidity! do you know your right hand from your left?"

"Yes, I knows dat—knows all about dat—'tis my lef hand what I chops de wood wid."

"To be sure! you are left-handed; and your left eye is on the same side as your left hand. Now, I suppose, you can find the left eye of the skull, or the place where the left eye has been. Have you found it?"

Here was a long pause. At length the negro asked.

"Is de lef eye of de skull pon de same side as de lef hand of de skull too?—cause de skull aint got not a bit ob a hand at all—nebber mind! I got de lef eye now—here de lef eye! what mus do wid it?"

"Let the beetle drop through it, as far as the string will reach—but be careful and not let go your hold of the string."

"All dat done, Massa Will; mighty easy ting for to put de bug fru de hole—look out for him dare below!"

During this colloquy no portion of Jupiter's person could be seen; but the beetle, which he had suffered to descend, was now visible at the end of the string, and glistened, like a globe of burnished gold, in the last rays of the setting

sun, some of which still faintly illumined the eminence upon which we stood. The *scarabæus* hung quite clear of any branches, and, if allowed to fall, would have fallen at our feet. Legrand immediately took the scythe, and cleared with it a circular space, three or four yards in diameter, just beneath the insect, and, having accomplished this, ordered Jupiter to let go the string and come down from the tree.

Driving a peg, with great nicety, into the ground, at the precise spot where the beetle fell, my friend now produced from his pocket a tape-measure. Fastening one end of this at that point of the trunk of the tree which was nearest the peg, he unrolled it till it reached the peg and thence further unrolled it, in the direction already established by the two points of the tree and the peg, for the distance of fifty feet—Jupiter clearing away the brambles with the scythe. At the spot thus attained a second peg was driven, and about this, as a centre, a rude circle, about four feet in diameter, described. Taking now a spade himself, and giving one to Jupiter and one to me, Legrand begged us to set about digging as quickly as possible.

To speak the truth, I had no especial relish for such amusement at any time, and, at that particular moment, would willingly have declined it; for the night was coming on, and I felt much fatigued with the exercise already taken; but I saw no mode of escape, and was

fearful of disturbing my poor friend's equanimity by a refusal. Could I have depended, indeed upon Jupiter's aid, I would have had no hesitation in attempting to get the lunatic home by force; but I was too well assured of the old negro's disposition, to hope that he would assist me, under any circumstances, in a personal contest with his master. I made no doubt that the latter had been infected with some of the innumerable Southern superstitions about money buried, and that his phantasy had received confirmation by the finding of the *scarabæus*, or, perhaps, by Jupiter's obstinacy in maintaining it to be "a bug of real gold." A mind disposed to lunacy would readily be led away by such suggestions—especially if chiming in with favorite preconceived ideas—and then I called to mind the poor fellow's speech about the beetle's being "the index of his fortune." Upon the whole, I was sadly vexed and puzzled, but, at length, I concluded to make a virtue of necessity—to dig with a good will, and thus the sooner to convince the visionary, by ocular demonstration, of the fallacy of the opinion he entertained.

The lanterns having been lit, we all fell to work with a zeal worthy a more rational cause; and, as the glare fell upon our persons and implements, I could not help thinking how picturesque a group we composed, and how strange and suspicious our labors must have appeared

to any interloper who, by chance, might have stumbled upon our whereabouts.

We dug very steadily for two hours. Little was said; and our chief embarrassment lay in the yelpings of the dog, who took exceeding interest in our proceedings. He, at length, became so obstreperous that we grew fearful of his giving the alarm to some stragglers in the vicinity,—or, rather, this was the apprehension of Legrand;—for myself, I should have rejoiced at any interruption which might have enabled me to get the wanderer home. The noise was, at length, very effectually silenced by Jupiter, who, getting out of the hole with a dogged air of deliberation, tied the brute's mouth up with one of his suspenders, and then returned, with a grave chuckle, to his task.

When the time mentioned had expired, we had reached a depth of five feet, and yet no signs of any treasure became manifest. A general pause ensued, and I began to hope that the farce was at an end. Legrand, however, although evidently much disconcerted, wiped his brow thoughtfully and recommenced. We had excavated the entire circle of four feet diameter, and now we slightly enlarged the limit, and went to the farther depth of two feet. Still nothing appeared. The gold-seeker, whom I sincerely pitied, at length clambered from the pit, with the bitterest disappointment imprinted upon every feature, and proceeded, slowly and reluctantly, to put on his coat,

which he had thrown off at the beginning of his labor. In the meantime I made no remark. Jupiter, at a signal from his master, began to gather up his tools. This done, and the dog having been unmuzzled, we turned in profound silence toward home.

We had taken, perhaps, a dozen steps in this direction, when, with a loud oath, Legrand strode up to Jupiter, and seized him by the collar. The astonished negro opened his eyes and mouth to the fullest extent, let fall the spades, and fell upon his knees.

"You scoundrel!" said Legrand, hissing out the syllables from between his clenched teeth—"you infernal black villain!—speak, I tell you!—answer me this instant, without prevarication!—which—which is your left eye?"

"Oh, my golly, Massa Will! aint dis here my lef eye for sartain?" roared the terrified Jupiter, placing his hand upon his *right* organ of vision, and holding it there with a desperate pertinacity, as if in immediate dread of his master's attempt at a gouge.

"I thought so!—I knew it! hurrah!" vociferated Legrand, letting the negro go and executing a series of curvets and caracols, much to the astonishment of his valet, who, arising from his knees, looked, mutely, from his master to myself, and then from myself to his master.

"Come! we must go back," said the latter, "the game's not up yet;" and he again led the way to the tulip-tree.

"Jupiter," said he, when we reached its foot, "come here! was the skull nailed to the limb with the face outward, or with the face to the limb?"

"De face was out, massa, so dat de crows could get at de eyes good, widout any trouble."

"Well, then, was it this eye or that through which you dropped the beetle?" here Legrand touched each of Jupiter's eyes.

"'Twas dis eye, massa—de lef eye—jis as you tell me," and here it was his right eye that the negro indicated.

"That will do—we must try it again."

Here my friend, about whose madness I now saw, or fancied that I saw, certain indications of method, removed the peg which marked the spot where the beetle fell, to a spot about three inches to the westward of its former position. Taking, now, the tape measure from the nearest point of the trunk to the peg, as before, and continuing the extension in a straight line to the distance of fifty feet, a spot was indicated, removed, by several yards, from the point at which we had been digging.

Around the new position a circle, somewhat larger than in the former instance, was now described, and we again set to work with the spade. I was dreadfully weary, but, scarcely understanding what had occasioned the change in my thoughts, I felt no longer any great aversion from the labor imposed. I had become most unaccountably interested—nay, even ex-

cited. Perhaps there was something, amid all the extravagant demeanor of Legrand—some air of forethought, or of deliberation, which impressed me. I dug eagerly, and now and then caught myself actually looking, with something that very much resembled expectation, for the fancied treasure, the vision of which had demented my unfortunate companion. At a period when such vagaries of thought most fully possessed me, and when we had been at work perhaps an hour and a half, we were again interrupted by the violent howlings of the dog. His uneasiness, in the first instance, had been, evidently, but the result of playfulness or caprice, but he now assumed a bitter and serious tone. Upon Jupiter's again attempting to muzzle him, he made furious resistance, and, leaping into the hole, tore up the mould frantically with his claws. In a few seconds he had uncovered a mass of human bones, forming two complete skeletons, intermingled with several buttons of metal, and what appeared to be the dust of decayed woollen. One or two strokes of a spade upturned the blade of a large Spanish knife, and, as we dug farther, three or four loose pieces of gold and silver coin came to light.

At sight of these the joy of Jupiter could scarcely be restrained, but the countenance of his master wore an air of extreme disappointment. He urged us, however, to continue our exertions, and the words were hardly uttered

when I stumbled and fell forward, having caught the toe of my boot in a large ring of iron that lay half buried in the loose earth.

We now worked in earnest, and never did I pass ten minutes of more intense excitement. During this interval we had fairly unearthed an oblong chest of wood, which, from its perfect preservation and wonderful hardness, had plainly been subjected to some mineralizing process—perhaps that of the bi-chloride of mercury. This box was three feet and a half long, three feet broad, and two and a half feet deep. It was firmly secured by bands of wrought iron, riveted, and forming a kind of open trellis-work over the whole. On each side of the chest, near the top, were three rings of iron—six in all—by means of which a firm hold could be obtained by six persons. Our utmost united endeavors served only to disturb the coffer very slightly in its bed. We at once saw the impossibility of removing so great a weight. Luckily, the sole fastenings of the lid consisted of two sliding bolts. These we drew back—trembling and panting with anxiety. In an instant, a treasure of incalculable value lay gleaming before us. As the rays of the lanterns fell within the pit, there flashed upward a glow and a glare, from a confused heap of gold and of jewels, that absolutely dazzled our eyes.

I shall not pretend to describe the feelings with which I gazed. Amazement was, of course, predominant. Legrand appeared exhausted

with excitement, and spoke very few words. Jupiter's countenance wore, for some minutes, as deadly a pallor as it is possible, in the nature of things, for any negro's visage to assume. He seemed stupefied—thunderstricken. Presently he fell upon his knees in the pit, and burying his naked arms up to the elbows in gold, let them there remain, as if enjoying the luxury of a bath. At length, with a deep sigh, he exclaimed, as if in a soliloquy:

"And dis all cum ob de goole-bug! de putty goole-bug! de poor little goole-bug, what I boosed in that sabage kind ob style! Aint you shamed ob yourself, nigger?—answer me dat!"

It became necessary, at last, that I should arouse both master and valet to the expediency of removing the treasure. It was growing late, and it behooved us to make exertion, that we might get every thing housed before daylight. It was difficult to say what should be done, and much time was spent in deliberation—so confused were the ideas of all. We, finally, lightened the box by removing two thirds of its contents, when we were enabled, with some trouble, to raise it from the hole. The articles taken out were deposited among the brambles, and the dog left to guard them, with strict orders from Jupiter neither, upon any pretence, to stir from the spot, nor to open his mouth until our return. We then hurriedly made for home with the chest; reaching the hut in safety, but after excessive toil, at one

o'clock in the morning. Worn out as we were, it was not in human nature to do more immediately. We rested until two, and had supper; starting for the hills immediately afterward, armed with three stout sacks, which, by good luck, were upon the premises. A little before four we arrived at the pit, divided the remainder of the booty, as equally as might be, among us, and, leaving the holes unfilled, again set out for the hut, at which, for the second time, we deposited our golden burthens, just as the first faint streaks of the dawn gleamed from over the tree-tops in the East.

We were now thoroughly broken down; but the intense excitement of the time denied us repose. After an unquiet slumber of some three or four hours' duration, we arose, as if by preconcert, to make examination of our treasure.

The chest had been full to the brim, and we spent the whole day, and the greater part of the next night, in a scrutiny of its contents. There had been nothing like order or arrangement. Everything had been heaped in promiscuously. Having assorted all with care, we found ourselves possessed of even vaster wealth than we had at first supposed. In coin there was rather more than four hundred and fifty thousand dollars—estimating the value of the pieces, as accurately as we could, by the tables of the period. There was not a particle of silver. All was gold of antique date and of great variety—French, Spanish, and German money, with a

few English guineas, and some counters, of which we had never seen specimens before. There were several very large and heavy coins, so worn that we could make nothing of their inscriptions. There was no American money. The value of the jewels we found more difficulty in estimating. There were diamonds—some of them exceedingly large and fine—a hundred and ten in all, and not one of them small; eighteen rubies of remarkable brilliancy;—three hundred and ten emeralds, all very beautiful; and twenty-one sapphires, with an opal. These stones had all been broken from their settings and thrown loose in the chest. The settings themselves, which we picked out from among the other gold, appeared to have been beaten up with hammers, as if to prevent identification. Besides all this, there was a vast quantity of solid gold ornaments; nearly two hundred massive finger and ear-rings; rich chains—thirty of these, if I remember; eighty-three very large and heavy crucifixes; five gold censers of great value; a prodigious golden punch-bowl, ornamented with richly chased vine-leaves and Bacchanalian figures; with two sword-handles exquisitely embossed, and many other smaller articles which I cannot recollect. The weight of these valuables exceeded three hundred and fifty pounds avoirdupois; and in this estimate I have not included one hundred and ninety-seven superb gold watches; three of the number being worth each five hundred dol-

lars, if one. Many of them were very old, and as timekeepers valueless; the works having suffered, more or less, from corrosion—but all were richly jewelled and in cases of great worth. We estimated the entire contents of the chest, that night, at a million and a half of dollars; and upon the subsequent disposal of the trinkets and jewels (a few being retained for our own use), it was found that we had greatly undervalued the treasure.

When, at length, we had concluded our examination, and the intense excitement of the time had, in some measure, subsided, Legrand, who saw that I was dying with impatience for a solution of this most extraordinary riddle, entered into a full detail of all the circumstances connected with it.

"You remember," said he, "the night when I handed you the rough sketch I had made of the *scarabæus*. You recollect also, that I became quite vexed at you for insisting that my drawing resembled a death's head. When you first made this assertion I thought you were jesting; but afterward I called to mind the peculiar spots on the back of the insect, and admitted to myself that your remark had some little foundation in fact. Still, the sneer at my graphic powers irritated me—for I am considered a good artist—and, therefore, when you handed me the scrap of parchment, I was about to crumple it up and throw it angrily into the fire."

"The scrap of paper, you mean," said I.

"No; it had much of the appearance of paper, and at first I supposed it to be such, but when I came to draw upon it, I discovered it at once to be a piece of very thin parchment. It was quite dirty, you remember. Well, as I was in the very act of crumpling it up, my glance fell upon the sketch at which you had been looking, and you may imagine my astonishment when I perceived, in fact, the figure of a death's-head just where, it seemed to me, I had made the drawing of the beetle. For a moment I was too much amazed to think with accuracy. I knew that my design was very different in detail from this—although there was a certain similarity in general outline. Presently I took a candle, and seating myself at the other end of the room, proceeded to scrutinize the parchment more closely. Upon turning it over, I saw my own sketch upon the reverse, just as I had made it. My first idea, now, was mere surprise at the really remarkable similarity of outline—at the singular coincidence involved in the fact that, unknown to me, there should have been a skull upon the other side of the parchment, immediately beneath my figure of the *scarabæus*, and that this skull, not only in outline, but in size, should so closely resemble my drawing. I say the singularity of this coincidence absolutely stupefied me for a time. This is the usual effect of such coincidences. The mind struggles to establish a

connection—a sequence of cause and effect—and, being unable to do so, suffers a species of temporary paralysis. But, when I recovered from this stupor, there dawned upon me gradually a conviction which startled me even far more than the coincidence. I began distinctly, positively, to remember that there had been *no* drawing upon the parchment, when I made my sketch of the *scarabæus*. I became perfectly certain of this; for I recollected turning up first one side and then the other, in search of the cleanest spot. Had the skull been then there, of course I could not have failed to notice it. Here was indeed a mystery which I felt it impossible to explain; but, even at that early moment, there seemed to glimmer, faintly, within the most remote and secret chambers of my intellect, a glow-worm-like conception of that truth which last night's adventure brought to so magnificent a demonstration. I arose at once, and putting the parchment securely away, dismissed all further reflection until I should be alone.

"When you had gone, and when Jupiter was fast asleep, I betook myself to a more methodical investigation of the affair. In the first place I considered the manner in which the parchment had come into my possession. The spot where we discovered the *scarabæus* was on the coast of the main-land, about a mile eastward of the island, and but a short distance above high-water mark. Upon my taking hold

of it, it gave me a sharp bite, which caused me to let it drop. Jupiter, with his accustomed caution, before seizing the insect, which had flown toward him, looked about him for a leaf, or something of that nature, by which to take hold of it. It was at this moment that his eyes, and mine also, fell upon the scrap of parchment, which I then supposed to be paper. It was lying half buried in the sand, a corner sticking up. Near the spot where we found it, I observed the remnants of the hull of what appeared to have been a ship's long-boat. The wreck seemed to have been there for a very great while; for the resemblance to boat timbers could scarcely be traced.

"Well, Jupiter picked up the parchment, wrapped the beetle in it, and gave it to me. Soon afterward we turned to go home, and on the way met Lieutenant G——. I showed him the insect, and he begged me to let him take it to the fort. Upon my consenting, he thrust it forthwith into his waistcoat pocket, without the parchment in which it had been wrapped, and which I had continued to hold in my hand during his inspection. Perhaps he dreaded my changing my mind, and thought it best to make sure of the prize at once—you know how enthusiastic he is on all subjects connected with Natural History. At the same time, without being conscious of it, I must have deposited the parchment in my own pocket.

"You remember that when I went to the table, for the purpose of making a sketch of the beetle, I found no paper where it was usually kept. I looked in the drawer, and found none there. I searched my pockets, hoping to find an old letter, when my hand fell upon the parchment. I thus detail the precise mode in which it came into my possession; for the circumstances impressed me with peculiar force.

"No doubt you will think me fanciful—but I had already established a kind of *connection*. I had put together two links of a great chain. There was a boat lying upon a sea-coast, and not far from the boat was a parchment—*not a paper*—with a skull depicted upon it. You will, of course, ask 'where is the connection?' I reply that the skull, or death's-head, is the well-known emblem of the pirate. The flag of the death's-head is hoisted in all engagements.

"I have said that the scrap was parchment, and not paper. Parchment is durable—almost imperishable. Matters of little moment are rarely consigned to parchment; since, for the mere ordinary purposes of drawing or writing, it is not nearly so well adapted as paper. This reflection suggested some meaning—some relevancy—in the death's-head. I did not fail to observe, also, the *form* of the parchment. Although one of its corners had been, by some accident, destroyed, it could be seen that the original form was oblong. It was just such a slip,

indeed, as might have been chosen for a memorandum—for a record of something to be long remembered and carefully preserved."

"But," I interposed, "you say that the skull was *not* upon the parchment when you made the drawing of the beetle. How then do you trace any connection between the boat and the skull—since this latter, according to your own admission, must have been designed (God only knows how or by whom) at some period subsequent to your sketching the *scarabæus?*"

"Ah, hereupon turns the whole mystery; although the secret, at this point, I had comparatively little difficulty in solving. My steps were sure, and could afford but a single result. I reasoned, for example, thus: When I drew the *scarabæus,* there was no skull apparent upon the parchment. When I had completed the drawing I gave it to you, and observed you narrowly until you returned it. *You,* therefore, did not design the skull, and no one else was present to do it. Then it was not done by human agency. And nevertheless it was done.

"At this stage of my reflections I endeavored to remember, and *did* remember, with entire distinctness, every incident which occurred about the period in question. The weather was chilly (oh, rare and happy accident!), and a fire was blazing upon the hearth. I was heated with exercise and sat near the table. You, however, had drawn a chair close to the chimney. Just as I placed the parchment in

your hand, and as you were in the act of inspecting it, Wolf, the Newfoundland, entered, and leaped upon your shoulders. With your left hand you caressed him and kept him off while your right, holding the parchment, was permitted to fall listlessly between your knees, and in close proximity to the fire. At one moment I thought the blaze had caught it, and was about to caution you, but, before I could speak, you had withdrawn it, and were engaged in its examination. When I considered all these particulars, I doubted not for a moment that *heat* had been the agent in bringing to light, upon the parchment, the skull which I saw designed upon it. You are well aware that chemical preparations exist, and have existed time out of mind, by means of which it is possible to write upon either paper or vellum, so that the characters shall become visible only when subjected to the action of fire. Zaffre, digested in *aqua regia*, and diluted with four times its weight of water, is sometimes employed; a green tint results. The regulus of cobalt, dissolved in spirit of nitre, gives a red. These colors disappear at longer or shorter intervals after the material written upon cools, but again become apparent upon the re-application of heat.

"I now scrutinized the death's-head with care. Its outer edges—the edges of the drawing nearest the edge of the vellum—were far more *distinct* than the others. It was clear

that the action of the caloric had been imperfect or unequal. I immediately kindled a fire, and subjected every portion of the parchment to a glowing heat. At first, the only effect was the strengthening of the faint lines in the skull; but, upon persevering in the experiment, there became visible, at the corner of the slip, diagonally opposite to the spot in which the death's-head was delineated, the figure of what I at first supposed to be a goat. A closer scrutiny, however, satisfied me that it was intended for a kid."

"Ha! ha!" said I, "to be sure I have no right to laugh at you—a million and a half of money is too serious a matter for mirth—but you are not about to establish a third link in your chain—you will not find any especial connection between your pirates and a goat—pirates, you know, have nothing to do with goats; they appertain to the farming interest."

"But I have just said that the figure was *not* that of a goat."

"Well, a kid then—pretty much the same thing."

"Pretty much, but not altogether," said Legrand. "You may have heard of one *Captain* Kidd. I at once looked upon the figure of the animal as a kind of punning or hieroglyphical signature. I say signature; because its position upon the vellum suggested this idea. The death's-head at the corner diagonally oppo-

site, had, in the same manner, the air of a stamp, or seal. But I was sorely put out by the absence of all else—of the body to my imagined instrument—of the text for my context."

"I presume you expected to find a letter between the stamp and the signature."

"Something of that kind. The fact is, I felt irresistibly impressed with a presentiment of some vast good fortune impending. I can scarcely say why. Perhaps, after all, it was rather a desire than an actual belief;—but do you know that Jupiter's silly words, about the bug being of solid gold, had a remarkable effect upon my fancy? And then the series of accidents and coincidents—these were so *very* extraordinary. Do you observe how mere an accident it was that these events should have occurred upon the *sole* day of all the year in which it has been, or may be sufficiently cool for fire, and that without the fire, or without the intervention of the dog at the precise moment in which he appeared, I should never have become aware of the death's-head, and so never the possessor of the treasure."

"But proceed—I am all impatience."

"Well; you have heard, of course, the many stories current—the thousand vague rumors afloat about money buried, somewhere upon the Atlantic coast, by Kidd and his associates. These rumors must have had some foundation in fact. And that the rumors have existed so

long and so continuous, could have resulted, it appeared to me, only from the circumstance of the buried treasures still *remaining* entombed. Had Kidd concealed his plunder for a time, and afterward reclaimed it, the rumors would scarcely have reached us in their present unvarying form. You will observe that the stories told are all about money-seekers, not about money-finders. Had the pirate recovered his money, there the affair would have dropped. It seemed to me that some accident —say the loss of a memorandum indicating its locality—had deprived him of the means of recovering it, and that this accident had become known to his followers, who otherwise might never have heard that the treasure had been concealed at all, and who, busying themselves in vain, because unguided, attempts to regain it, had given first birth, and then universal currency, to the reports which are now so common. Have you ever heard of any important treasure being unearthed along the coast?"

"Never."

"But that Kidd's accumulations were immense, is well known. I took it for granted, therefore, that the earth still held them; and you will scarcely be surprised when I tell you that I felt a hope, nearly amounting to certainty, that the parchment so strangely found involved a lost record of the place of deposit."

"But how did you proceed?"

"I held the vellum again to the fire, after increasing the heat, but nothing appeared. I now thought it possible that the coating of dirt might have something to do with the failure: so I carefully rinsed the parchment by pouring warm water over it, and, having done this, I placed it in a tin pan, with the skull downward, and put the pan upon a furnace of lighted charcoal. In a few minutes, the pan having become thoroughly heated, I removed the slip, and, to my inexpressible joy, found it spotted, in several places, with what appeared to be figures arranged in lines. Again I placed it in the pan, and suffered it to remain another minute. Upon taking it off, the whole was just as you see it now."

Here Legrand, having re-heated the parchment, submitted it to my inspection. The following characters were rudely traced, in a red tint, between the death's-head and the goat:

"53‡‡†305))6*;4826)4‡)4‡.;806*;48†8¶60))85;1‡(;:‡*8†83(88)5*†;46(;88*96*?;8)*‡(;485);5*†2:*‡(;4956*2(5*-4)8¶8*;4069285);)6†8)4‡‡;1(‡9;48;(88;4(‡?34;48)4‡;161;:188;‡?;"

"But," said I, returning him the slip, "I am as much in the dark as ever. Were all the jewels of Golconda awaiting me upon my solution of this enigma, I am quite sure that I should be unable to earn them."

"And yet," said Legrand, "the solution is by no means so difficult as you might be led to imagine from the first hasty inspection of the characters. These characters, as any one might readily guess, form a cipher—that is to say, they convey a meaning; but then from what is known of Kidd, I could not suppose him capable of constructing any of the more abstruse cryptographs. I made up my mind, at once, that this was of a simple species—such, however, as would appear, to the crude intellect of the sailor, absolutely insoluble without the key."

"And you really solved it?"

"Readily; I have solved others of an abstruseness ten thousand times greater. Circumstances, and a certain bias of mind, have led me to take interest in such riddles, and it may well be doubted whether human ingenuity can construct an enigma of the kind which human ingenuity may not, by proper application, resolve. In fact, having once established connected and legible characters, I scarcely gave a thought to the mere difficulty of developing their import.

"In the present case—indeed in all cases of secret writing—the first question regards the *language* of the cipher; for the principles of solution, so far, especially, as the more simple ciphers are concerned, depend upon, and are varied by, the genius of the particular idiom. In general, there is no alternative but experiment (directed by probabilities) of every tongue

known to him who attempts the solution, until the true one be attained. But, with the cipher now before us all difficulty was removed by the signature. The pun upon the word 'Kidd' is appreciable in no other language than the English. But for this consideration I should have begun my attempts with the Spanish and French, as the tongues in which a secret of this kind would most naturally have been written by a pirate of the Spanish main. As it was, I assumed the cryptograph to be English.

"You observe there are no divisions between the words. Had there been divisions the task would have been comparatively easy. In such cases I should have commenced with a collation and analysis of the shorter words, and, had a word of a single letter occurred, as is most likely, (*a* or *I*, for example,) I should have considered the solution as assured. But, there being no division, my first step was to ascertain the predominant letters, as well as the least frequent. Counting all, I constructed a table thus:

Of the character	8	there are 33.
	;	" 26.
	4	" 19.
	‡)	" 16.
	*	" 13.
	5	" 12.
	6	" 11.
	† 1	" 8.
	0	" 6.

9 2	"	5.
: 3	"	4.
?	"	3.
¶	"	2.
—.	"	1.

"Now, in English, the letter which most frequently occurs is *e*. Afterward, the succession runs thus: *a o i d h n r s t u y c f g l m w b k p q x z*. *E* predominates so remarkably, that an individual sentence of any length is rarely seen, in which it is not the prevailing character.

"Here, then, we have, in the very beginning, the groundwork for something more than a mere guess. The general use which may be made of the table is obvious—but, in this particular cipher, we shall only very partially require its aid. As our predominant character is 8, we will commence by assuming it as the *e* of the natural alphabet. To verify the supposition, let us observe if the 8 be seen often in couples—for *e* is doubled with great frequency in English—in such words, for example, as 'meet,' 'fleet,' 'speed,' 'seen,' 'been,' 'agree,' etc. In the present instance we see it doubled no less than five times, although the cryptograph is brief.

"Let us assume 8, then, as *e*. Now, of all *words* in the language, 'the' is most usual; let us see, therefore, whether there are not repetitions of any three characters, in the same order of collocation, the last of them being 8. If we discover repetitions of such letters, so arranged, they will most probably represent the word

'the.' Upon inspection, we find no less than seven such arrangements, the characters being ;48. We may, therefore, assume that ; represents *t*, 4 represents *h*, and 8 represents *e*—the last being now well confirmed. Thus a great step has been taken.

"But, having established a single word, we are enabled to establish a vastly important point; that is to say, several commencements and terminations of other words. Let us refer, for example, to the last instance but one, in which the combination ;48 occurs—not far from the end of the cipher. We know that the ; immediately ensuing is the commencement of a word, and, of the six characters succeeding this 'the,' we are cognizant of no less than five. Let us set these characters down, thus, by the letters we know them to represent, leaving a space for the unknown—

t eeth.

"Here we are enabled, at once, to discard the '*th*,' as forming no portion of the word commencing with the first *t*; since, by experiment of the entire alphabet for a letter adapted to the vacancy, we perceive that no word can be formed of which this *th* can be a part. We are thus narrowed into

t ee,

and, going through the alphabet, if necessary, as

before, we arrive at the word 'tree,' as the sole possible reading. We thus gain another letter, *r*, represented by (, with the words 'the tree' in juxtaposition.

"Looking beyond these words, for a short distance, we again see the combination ;48, and employ it by way of *termination* to what immediately precedes. We have thus this arrangement:

the tree ;4(‡?34 the,

or, substituting the natural letters, where known, it reads thus:

the tree thr‡?3h the.

"Now, if, in place of the unknown characters, we leave blank spaces, or substitute dots, we read thus:

the tree thr...h the,

when the word '*through*' makes itself evident at once. But this discovery gives us three new letters, *o*, *u*, and *g*, represented by ‡, ?, and 3.

"Looking now, narrowly, through the cipher for combinations of known characters, we find, not very far from the beginning, this arrangement,

83(88, or egree,

which plainly, is the conclusion of the word

'degree,' and gives us another letter, *d*, represented by †.

"Four letters beyond the word 'degree,' we perceive the combination

;46(;88.

"Translating the known characters, and representing the unknown by dots, as before, we read thus:

th.rtee,

an arrangement immediately suggestive of the word 'thirteen,' and again furnishing us with two new characters, *i* and *n*, represented by 6 and *.

"Referring, now, to the beginning of the cryptograph, we find the combination,

53‡‡†.

"Translating as before, we obtain

.good,

which assures us that the first letter is *A*, and that the first two words are 'A good.'

"It is now time that we arrange our key, as far as discovered, in a tabular form, to avoid confusion. It will stand thus:

5	represents	a
†	"	d
8	"	e
3	"	g
4	"	h
6	"	i
■	"	n
‡	"	o
(	"	r
;	"	t
?	"	u

"We have, therefore, no less than eleven of the most important letters represented, and it will be unnecessary to proceed with the details of the solution. I have said enough to convince you that ciphers of this nature are readily soluble, and to give you some insight into the *rationale* of their development. But be assured that the specimen before us appertains to the very simplest species of cryptograph. It now only remains to give you the full translation of the characters upon the parchment, as unriddled. Here it is:

"'*A good glass in the bishop's hostel in the devil's seat forty-one degrees and thirteen minutes northeast and by north main branch seventh limb east side shoot from the left eye of the death's-head a bee-line from the tree through the shot fifty feet out.*'"

"But," said I, "the enigma seems still in as

bad a condition as ever. How is it possible to extort a meaning from all this jargon about 'devil's seats,' 'death's-heads,' and 'bishop's hotels?'"

"I confess," replied Legrand, "that the matter still wears a serious aspect, when regarded with a casual glance. My first endeavor was to divide the sentence into the natural division intended by the cryptographist."

"You mean, to punctuate it?"

"Something of that kind."

"But how was it possible to effect this?"

"I reflected that it had been a *point* with the writer to run his words together without division, so as to increase the difficulty of solution. Now, a not over-acute man, in pursuing such an object, would be nearly certain to overdo the matter. When, in the course of his composition, he arrived at a break in his subject which would naturally require a pause, or a point, he would be exceedingly apt to run his characters, at this place, more than usually close together. If you will observe the MS., in the present instance, you will easily detect five such cases of unusual crowding. Acting upon this hint, I made the division thus:

"'*A good glass in the bishop's hostel in the devil's seat—forty-one degrees and thirteen minutes—northeast and by north—main branch seventh limb east side—shoot from the*

left eye of the death's-head—a bee-line from the tree through the shot fifty feet out.'"

"Even this division," said I, "leaves me still in the dark."

"It left me also in the dark," replied Legrand, "for a few days; during which I made diligent inquiry in the neighborhood of Sullivan's Island, for any building which went by name of the 'Bishop's Hotel;' for, of course, I dropped the obsolete word 'hostel.' Gaining no information on the subject, I was on the point of extending my sphere of search, and proceeding in a more systematic manner, when, one morning, it entered into my head, quite suddenly, that this 'Bishop's Hostel' might have some reference to an old family, of the name of Bessop, which, time out of mind, had held possession of an ancient manor-house, about four miles to the northward of the island. I accordingly went over to the plantation, and re-instituted my inquiries among the older negroes of the place. At length one of the most aged of the women said that she had heard of such a place as *Bessop's Castle*, and thought that she could guide me to it, but that it was not a castle, nor a tavern, but a high rock.

"I offered to pay her well for her trouble, and, after some demur, she consented to accompany me to the spot. We found it without much difficulty, when, dismissing her, I proceeded to examine the place. The 'castle' consisted of an irregular assemblage of cliffs and

rocks—one of the latter being quite remarkable for its height as well as for its insulated and artificial appearance. I clambered to its apex, and then felt much at a loss as to what should be next done.

"While I was busied in reflection, my eyes fell upon a narrow ledge in the eastern face of the rock, perhaps a yard below the summit upon which I stood. This ledge projected about eighteen inches, and was not more than a foot wide, while a niche in the cliff just above it gave it a rude resemblance to one of the hollow-backed chairs used by our ancestors. I made no doubt that here was the 'devil's-seat' alluded to in the MS., and now I seemed to grasp the full secret of the riddle.

"The 'good glass,' I knew, could have reference to nothing but a telescope; for the word 'glass' is rarely employed in any other sense by seamen. Now here, I at once saw, was a telescope to be used, and a definite point of view, *admitting no variation*, from which to use it. Nor did I hesitate to believe that the phrases, 'forty-one degrees and thirteen minutes,' and 'northeast and by north,' were intended as directions for the levelling of the glass. Greatly excited by these discoveries, I hurried home, procured a telescope, and returned to the rock.

"I let myself down to the ledge, and found that it was impossible to retain a seat upon it except in one particular position. This fact

confirmed my preconceived idea. I proceeded to use the glass. Of course, the 'forty-one degrees and thirteen minutes' could allude to nothing but elevation above the visible horizon, since the horizontal direction was clearly indicated by the words, 'northeast and by north.' This latter direction I at once established by means of a pocket-compass; then, pointing the glass as nearly at an angle of forty-one degrees of elevation as I could do it by guess, I moved it cautiously up or down, until my attention was arrested by a circular rift or opening in the foliage of a large tree that overtopped its fellows in the distance. In the centre of this rift I perceived a white spot, but could not, at first, distinguish what it was. Adjusting the focus of the telescope, I again looked, and now made it out to be a human skull.

"Upon this discovery I was so sanguine as to consider the enigma solved; for the phrase 'main branch, seventh limb, east side,' could refer only to the position of the skull upon the tree, while 'shoot from the left eye of the death's-head' admitted, also, of but one interpretation, in regard to a search for buried treasure. I perceived that the design was to drop a bullet from the left eye of the skull, and that a bee-line, or, in other words, a straight line, drawn from the nearest point of the trunk through the shot' (or the spot where the bullet fell), and thence extended to a distance of fifty feet, would indicate a definite point—and

beneath this point I thought it at least *possible* that a deposit of value lay concealed."

"All this," I said, "is exceedingly clear, and, although ingenious, still simple and explicit. When you left the Bishop's Hotel, what then?"

"Why, having carefully taken the bearings of the tree, I turned homeward. The instant that I left 'the devil's-seat,' however, the circular rift vanished; nor could I get a glimpse of it afterward, turn as I would. What seems to me the chief ingenuity in this whole business, is the fact (for repeated experiment has convinced me it *is* a fact) that the circular opening in question is visible from no other attainable point of view than that afforded by the narrow ledge upon the face of the rock.

"In this expedition to the 'Bishop's Hotel' I had been attended by Jupiter, who had, no doubt, observed, for some weeks past, the abstraction of my demeanor, and took especial care not to leave me alone. But, on the next day, getting up very early, I contrived to give him the slip, and went into the hills in search of the tree. After much toil I found it. When I came home at night my valet proposed to give me a flogging. With the rest of the adventure I believe you are as well acquainted as myself."

"I suppose," said I, "you missed the spot, in the first attempt at digging, through Jupiter's stupidity in letting the bug fall through

the right instead of through the left eye of the skull."

"Precisely. This mistake made a difference of about two inches and a half in the 'shot'—that is to say, in the position of the peg nearest the tree; and had the treasure been *beneath* the 'shot,' the error would have been of little moment; but 'the shot,' together with the nearest point of the tree, were merely two points for the establishment of a line of direction; of course the error, however trivial in the beginning, increased as we proceeded with the line, and by the time we had gone fifty feet threw us quite off the scent. But for my deep-seated impressions that treasure was here somewhere actually buried, we might have had all our labor in vain."

"But your grandiloquence, and your conduct in swinging the beetle—how excessively odd! I was sure you were mad. And why did you insist upon letting fall the bug, instead of a bullet, from the skull?"

"Why, to be frank, I felt somewhat annoyed by your evident suspicions touching my sanity, and so resolved to punish you quietly, in my own way, by a little bit of sober mystification. For this reason I swung the beetle, and for this reason I let it fall from the tree. An observation of yours about its great weight suggested the latter idea."

"Yes, I perceive; and now there is only one

point which puzzles me. What are we to make of the skeletons found in the hole?"

"That is a question I am no more able to answer than yourself. There seems, however, only one plausible way of accounting for them —and yet it is dreadful to believe in such atrocity as my suggestion would imply. It is clear that Kidd—if Kidd indeed secreted this treasure, which I doubt not—it is clear that he must have had assistance in the labor. But this labor concluded, he may have thought it expedient to remove all participants in his secret. Perhaps a couple of blows with a mattock were sufficient, while his coadjutors were busy in the pit: perhaps it required a dozen—who shall tell?"

FOUR BEASTS IN ONE;

THE HOMO-CAMELEOPARD.

Chacun a ses vertus.
—*Crébillon's Xerxes.*

ANTIOCHUS EPIPHANES is very generally looked upon as the Gog of the prophet Ezekiel. This honor is, however, more properly attributable to Cambyses, the son of Cyrus. And, indeed, the character of the Syrian monarch does by no means stand in need of any adventitious embellishment. His accession to the throne, or rather his usurpation of the sovereignty, a hundred and seventy-one years before the coming of Christ; his attempt to plunder the temple of Diana at Ephesus; his implacable hostility to the Jews; his pollution of the Holy of Holies; and his miserable death at Taba, after a tumultuous reign of eleven years, are circumstances of a prominent kind, and therefore more generally noticed by the historians of his time than the impious, dastardly, cruel, silly, and whimsical achievements which make up the sum total of his private life and reputation.

* * * * * *

Let us suppose, gentle reader, that it is now the year of the world three thousand eight hundred and thirty, and let us, for a few minutes, imagine ourselves at that most grotesque habitation of man, the remarkable city of Antioch. To be sure there were, in Syria and other countries, sixteen cities of that appellation, besides the one to which I more particularly allude. But *ours* is that which went by the name of Antiochia Epidaphne, from its vicinity to the little village of Daphne, where stood a temple to that divinity. It was built (although about this matter there is some dispute) by Seleucus Nicanor, the first king of the country after Alexander the Great, in memory of his father Antiochus, and became immediately the residence of the Syrian monarchy. In the flourishing times of the Roman Empire it was the ordinary station of the prefect of the eastern provinces; and many of the emperors of the Queen city (among whom may be mentioned, especially, Verus and Valens) spent here the greater part of their time. But I perceive we have arrived at the city itself. Let us ascend this battlement, and throw our eyes upon the town and neighboring country.

"What broad and rapid river is that which forces its way, with innumerable falls, through the mountainous wilderness, and finally through the wilderness of buildings?"

That is the Orontes, and it is the only water in sight, with the exception of the Mediter-

ranean, which stretches, like a broad mirror, about twelve miles off to the southward. Every one has seen the Mediterranean; but let me tell you, there are few who have had a peep at Antioch. By few, I mean, few who, like you and me, have had, at the same time, the advantages of a modern education. Therefore cease to regard that sea, and give your whole attention to the mass of houses that lie beneath us. You will remember that it is now the year of the world three thousand eight hundred and thirty. Were it later—for example, were it the year of our Lord eighteen hundred and forty-five—we should be deprived of this extraordinary spectacle. In the nineteenth century Antioch is—that is to say, Antioch *will be*—in a lamentable state of decay. It will have been, by that time, totally destroyed, at three different periods, by three successive earthquakes. Indeed, to say the truth, what little of its former self may then remain, will be found in so desolate and ruinous a state that the patriarch shall have removed his residence to Damascus. This is well. I see you profit by my advice, and are making the most of your time in inspecting the premises—in

> ——satisfying your eyes
> With the memorials and the things of fame
> That most renown this city.——

I beg pardon; I had forgotten that Shakespeare will not flourish for seventeen hundred

and fifty years to come. But does not the appearance of Epidaphne justify me in calling it *grotesque?*

"It is well fortified; and in this respect is as much indebted to nature as to art."

Very true.

"There are a prodigious number of stately palaces."

There are.

"And the numerous temples, sumptuous and magnificent, may bear comparison with the most lauded of antiquity."

All this I must acknowledge. Still there is an infinity of mud huts, and abominable hovels. We cannot help perceiving abundance of filth in every kennel, and, were it not for the overpowering fumes of idolatrous incense, I have no doubt we should find a most intolerable stench. Did you ever behold streets so insufferably narrow, or houses so miraculously tall? What a gloom their shadows cast upon the ground! It is well the swinging lamps in those endless colonnades are kept burning throughout the day; we should otherwise have the darkness of Egypt in the time of her desolation.

"It is certainly a strange place! What is the meaning of yonder singular building? See! it towers above all others, and lies to the eastward of what I take to be the royal palace!"

That is the new Temple of the Sun, who is adored in Syria under the title of Elah Ga-

balah. Hereafter a very notorious Roman emperor will institute this worship in Rome, and thence derive a cognomen, Heliogabalus. I dare say you would like to take a peep at the divinity of the temple. You need not look up at the heavens; his Sunship is not there—at least not the Sunship adored by the Syrians. *That* deity will be found in the interior of yonder building. He is worshipped under the figure of a large stone pillar terminating at the summit in a cone or *pyramid,* whereby is denoted Fire.

"Hark!—behold!—who *can* those ridiculous beings be, half naked, with their faces painted, shouting and gesticulating to the rabble?"

Some few are mountebanks. Others more particularly belong to the race of philosophers. The greatest portion, however—those especially who belabor the populace with clubs—are the principal courtiers of the palace, executing, as in duty bound, some laudable comicality of the king's.

"But what have we here? Heavens! the town is swarming with wild beasts! How terrible a spectacle!—how dangerous a peculiarity!"

Terrible if you please; but not in the least degree dangerous. Each animal, if you will take the pains to observe, is following, very quietly, in the wake of its master. Some few, to be sure, are led with a rope about the neck, but these are chiefly the lesser or timid species.

The lion, the tiger, and the leopard are entirely without restraint. They have been trained without difficulty to their present profession, and attend upon their respective owners in the capacity of *valets-de-chambre*. It is true, there are occasions when Nature asserts her violated dominion;—but then the devouring of a man-at-arms, or the throttling of a consecrated bull, is a circumstance of too little moment to be more than hinted at in Epidaphne.

"But what extraordinary tumult do I hear? Surely this is a loud noise even for Antioch! It argues some commotion of unusual interest."

Yes—undoubtedly. The king has ordered some novel spectacle—some gladiatorial exhibition at the hippodrome—or perhaps the massacre of the Scythian prisoners—or the conflagration of his new palace—or the tearing down of a handsome temple—or, indeed, a bonfire of a few Jews. The uproar increases. Shouts of laughter ascend the skies. The air becomes dissonant with wind instruments, and horrible with the clamor of a million throats. Let us descend, for the love of fun, and see what is going on! This way—be careful! Here we are in the principal street, which is called the street of Timarchus. The sea of people is coming this way, and we shall find a difficulty in stemming the tide. They are pouring through the alley of Heraclides, which leads directly from the palace—therefore the king is most probably

among the rioters. Yes—I hear the shouts of the herald proclaiming his approach in the pompous phraseology of the East. We shall have a glimpse of his person as he passes by the temple of Ashimah. Let us ensconce ourselves in the vestibule of the sanctuary; he will be here anon. In the meantime let us survey this image. What is it? Oh! it is the god Ashimah in proper person. You perceive, however, that he is neither a lamb, nor a goat, nor a satyr; neither has he much resemblance to the Pan of the Arcadians. Yet all these appearances have been given—I beg pardon—*will* be given—by the learned of future ages, to the Ashimah of the Syrians. Put on your spectacles, and tell me what it is. What is it?

"Bless me! it is an ape!"

True—a baboon; but by no means the less a deity. His name is a derivation of the Greek *Simia*—what great fools are antiquarians! But see!—see!—yonder scampers a ragged little urchin. Where is he going? What is he bawling about? What does he say? Oh! he says the king is coming in triumph; that he is dressed in state; that he has just finished putting to death, with his own hand, a thousand chained Israelitish prisoners! For this exploit the ragamuffin is lauding him to the skies! Hark! here comes a troop of a similar description. They have made a Latin hymn upon the valor of the king, and are singing it as they go:

Mille, mille, mille,
Mille, mille, mille,
Decollavimus, unus homo!
Mille, mille, mille, mille, decollavimus!
Mille, mille, mille,
Vivat qui mille mille occidit!
Tantum vini habet nemo
Quantum sanguinis effudit!*

Which may be thus paraphrased:

A thousand, a thousand, a thousand,
A thousand, a thousand, a thousand,
We, with one warrior, have slain!
A thousand, a thousand, a thousand, a thousand
Sing a thousand over again!
Soho!—let us sing
Long life to our king,
Who knocked over a thousand so fine!
Soho!—let us roar,
He has given us more
Red gallons of gore
Than all Syria can furnish of wine!

"Do you hear that flourish of trumpets?"

Yes—the king is coming! See! the people are aghast with admiration, and lift up their eyes to the heavens in reverence! He comes!—he is coming!—there he is!

"Who?—where?—the king?—I do not behold him;—cannot say that I perceive him."

Then you must be blind.

"Very possible. Still I see nothing but a tumultuous mob of idiots and madmen, who are busy in prostrating themselves before a gigantic cameleopard, and endeavoring to obtain a kiss of the animal's hoofs. See! the beast has very justly kicked one of the rabble over—and another—and another—and another. Indeed,

* Flavius Vospicus says, that the hymn here introduced was sung by the rabble upon the occasion of Aurelian, in the Sarmatic war, having slain, with his own hand, nine hundred and fifty of the enemy.

I cannot help admiring the animal for the excellent use he is making of his feet."

Rabble, indeed!—why these are the noble and free citizens of Epidaphne! Beast, did you say?—take care that you are not overheard. Do you not perceive that the animal has the visage of a man? Why, my dear sir, that cameleopard is no other than Antiochus Epiphanes—Antiochus the Illustrious, King of Syria, and the most potent of all the autocrats of the East! It is true, that he is entitled, at times, Antiochus Epimanes—Antiochus the madman—but that is because all people have not the capacity to appreciate his merits. It is also certain that he is at present ensconced in the hide of a beast, and is doing his best to play the part of a cameleopard; but this is done for the better sustaining his dignity as king. Besides, the monarch is of gigantic stature, and the dress is therefore neither unbecoming nor over large. We may, however, presume he would not have adopted it but for some occasion of especial state. Such, you will allow, is the massacre of a thousand Jews. With how superior a dignity the monarch perambulates on all fours! His tail, you perceive, is held aloft by his two principal concubines, Elline and Argelais; and his whole appearance would be infinitely prepossessing, were it not for the protuberance of his eyes, which will certainly start out of his head, and the queer color of his face,

which has become nondescript from the quantity of wine he has swallowed. Let us follow him to the hippodrome, whither he is proceeding, and listen to the song of triumph which he is commencing:

> Who is king but Epiphanes?
> Say—do you know?
> Who is king but Epiphanes?
> Bravo!—bravo!
> There is none but Epiphanes,
> No—there is none:
> So tear down the temples,
> And put out the sun!

Well and strenuously sung! The populace are hailing him "Prince of Poets," as well as "Glory of the East," "Delight of the Universe," and "Most Remarkable of Cameleopards." They have *encored* his effusion, and - do you hear?—he is singing it over again. When he arrives at the hippodrome, he will be crowned with the poetic wreath, in anticipation of his victory at the approaching Olympics.

"But, good Jupiter! what is the matter in the crowd behind us?"

Behind us, did you say?—oh! ah!—I perceive. My friend, it is well that you spoke in time. Let us get into a place of safety as soon as possible. Here!—let us conceal ourselves in the arch of this aqueduct, and I will inform you presently of the origin of the commotion. It has turned out as I have been anticipating. The singular appearance of the cameleopard with the head of a man, has, it seems, given

offence to the notions of propriety entertained in general by the wild animals domesticated in the city. A mutiny has been the result; and, as is usual upon such occasions, all human efforts will be of no avail in quelling the mob. Several of the Syrians have already been devoured; but the general voice of the four-footed patriots seems to be for eating up the cameleopard. "The Prince of Poets," therefore, is upon his hinder legs running for his life. His courtiers have left him in the lurch, and his concubines have followed so excellent an example. "Delight of the Universe," thou art in a sad predicament! "Glory of the East," thou art in danger of mastication! Therefore never regard so piteously thy tail; it will undoubtedly be draggled in the mud, and for this there is no help. Look not behind thee, then, at its unavoidable degradation; but take courage, ply thy legs with vigor, and scud for the hippodrome! Remember that thou art Antiochus Epiphanes. Antiochus the Illustrious! —also "Prince of Poets," "Glory of the East," "Delight of the Universe," and "Most Remarkable of Cameleopards!" Heavens! what a power of speed thou art displaying! What a capacity for leg-bail thou art developing! Run, Prince! — Bravo, Epiphanes! — Well done, Cameleopard! — Glorious Antiochus! — He runs!—he leaps!—he flies! Like an arrow from a catapult he approaches the hippodrome! He leaps!—he shrieks!—he is there! This is

well; for hadst thou, "Glory of the East," been half a second longer in reaching the gates of the amphitheatre, there is not a bear's cub in Epidaphne that would not have had a nibble at thy carcass. Let us be off—let us take our departure!—for we shall find our delicate modern ears unable to endure the vast uproar which is about to commence in celebration of the king's escape! Listen! it has already commenced. See!—the whole town is topsy-turvy.

"Surely this is the most populous city of the East! What a wilderness of people! What a jumble of all ranks and ages! What a multiplicity of sects and nations! what a variety of costumes! what a Babel of languages! what a screaming of beasts! what a tinkling of instruments! what a parcel of philosophers!"

Come let us be off.

"Stay a moment! I see a vast hubbub in the hippodrome; what is the meaning of it, I beseech you?"

That?—oh, nothing! The noble and free citizens of Epidaphne being, as they declare, well satisfied of the faith, valor, wisdom, and divinity of their king, and having, moreover, been eye-witnesses of his late superhuman agility, do think it no more than their duty to invest his brows (in addition to the poetic crown) with the wreath of victory in the foot-race—a wreath which it is evident he *must* obtain at the celebration of the next Olympiad, and which, therefore, they now give him in advance.

PART II

LIBRARY

THE MURDERS IN THE RUE MORGUE

What song the Syrens sang, or what name Achilles assumed when he hid himself among women, although puzzling questions, are not beyond *all* conjecture.

Sir Thomas Browne.

THE mental features discoursed of as the analytical, are, in themselves, but little susceptible of analysis. We appreciate them only in their effects. We know of them, among other things, that they are always to their possessor, when inordinately possessed, a source of the liveliest enjoyment. As the strong man exults in his physical ability, delighting in such exercises as call his muscles into action, so glories the analyst in that moral activity which *disentangles*. He derives pleasure from even the most trivial occupations bringing his talent into play. He is fond of enigmas, of conundrums, hieroglyphics; exhibiting in his solutions of each a degree of *acumen* which appears to the ordinary apprehension præternatural. His results, brought about by the very soul and essence of method, have, in truth, the whole air of intuition.

The faculty of re-solution is possibly much invigorated by mathematical study, and especially by that highest branch of it which, unjustly, and merely on account of its retrograde operations, has been called, as if *par excellence*, analysis. Yet to calculate is not in itself to analyze. A chess-player, for example, does the one, without effort at the other. It follows that the game of chess, in its effects upon mental character, is greatly misunderstood. I am not now writing a treatise, but simply prefacing a somewhat peculiar narrative by observations very much at random; I will, therefore, take occasion to assert that the higher powers of the reflective intellect are more decidedly and more usefully tasked by the unostentatious game of draughts than by all the elaborate frivolity of chess. In this latter, where the pieces have different and *bizarre* motions, with various and variable values, what is only complex, is mistaken (a not unusual error) for what is profound. The *attention* is here called powerfully into play. If it flag for an instant, an oversight is committed, resulting in injury or defeat. The possible moves being not only manifold, but involute, the chances of such oversights are multiplied; and in nine cases out of ten, it is the more concentrative rather than the more acute player who conquers. In draughts, on the contrary, where the moves are *unique* and have but little variation, the probabilities of inadvertence are diminished, and the

mere attention being left comparatively unemployed, what advantages are obtained by either party are obtained by superior *acumen.* To be less abstract, let us suppose a game of draughts where the pieces are reduced to four kings, and where, of course, no oversight is to be expected. It is obvious that here the victory can be decided (the players being at all equal) only by some *recherché* movement, the result of some strong exertion of the intellect. Deprived of ordinary resources, the analyst throws himself into the spirit of his opponent, identifies himself therewith, and not unfrequently sees thus, at a glance, the sole methods (sometimes indeed absurdly simple ones) by which he may seduce into error or hurry into miscalculation.

Whist has long been known for its influence upon what is termed the calculating power; and men of the highest order of intellect have been known to take an apparently unaccountable delight in it, while eschewing chess as frivolous. Beyond doubt there is nothing of a similar nature so greatly tasking the faculty of analysis. The best chess-player in Christendom *may* be little more than the best player of chess; but proficiency in whist implies capacity for success in all these more important undertakings where mind struggles with mind. When I say proficiency, I mean that perfection in the game which includes a comprehension of *all* the sources whence legitimate advantage may be derived. These are not only manifold, but multi-

form, and lie frequently among recesses of thought altogether inaccessible to the ordinary understanding. To observe attentively is to remember distinctly; and, so far, the concentrative chess-player will do very well at whist; while the rules of Hoyle (themselves based upon the mere mechanism of the game) are sufficiently and generally comprehensible. Thus to have a retentive memory, and proceed by "the book" are points commonly regarded as the sum total of good playing. But it is in matters beyond the limits of mere rule that the skill of the analyst is evinced. He makes, in silence, a host of observations and inferences. So, perhaps, do his companions: and the difference in the extent of the information obtained, lies not so much in the validity of the inference as in the quality of the observation. The necessary knowledge is that of *what* to observe. Our player confines himself not at all; nor, because the game is the object, does he reject deductions from things external to the game. He examines the countenance of his partner, comparing it carefully with that of each of his opponents. He considers the mode of assorting the cards in each hand; often counting trump by trump, and honor by honor, through the glances bestowed by their holders upon each. He notes every variation of face as the play progresses, gathering a fund of thought from the differences in the expression of certainty, of surprise, of triumph, or chagrin.

From the manner of gathering up a trick he judges whether the person taking it, can make another in the suit. He recognizes what is played through feint, by the manner with which it is thrown upon the table. A casual or inadvertent word; the accidental dropping or turning of a card, with the accompanying anxiety or carelessness in regard to its concealment; the counting of the tricks, with the order of their arrangement; embarrassment, hesitation, eagerness, or trepidation—all afford, to his apparently intuitive perception, indications of the true state of affairs. The first two or three rounds having been played, he is in full possession of the contents of each hand, and thenceforward puts down his cards with as absolute a precision of purpose as if the rest of the party had turned outward the faces of their own.

The analytical power should not be confounded with simple ingenuity; for while the analyst is necessarily ingenious, the ingenious man is often remarkably incapable of analysis. The constructive or combining power, by which ingenuity is usually manifested, and to which the phrenologists (I believe erroneously) have assigned a separate organ, supposing it a primitive faculty, has been so frequently seen in those whose intellect bordered otherwise upon idiocy, as to have attracted general observation among writers on morals. Between ingenuity and the analytic ability there exists a difference far

greater, indeed, than that between the fancy and the imagination, but of a character very strictly analogous. It will be found, in fact, that the ingenious are always fanciful, and the *truly* imaginative never otherwise than analytic.

The narrative which follows will appear to the reader somewhat in the light of a commentary upon the propositions just advanced.

Residing in Paris during the spring and part of the summer of 18—, I there became acquainted with a Monsieur C. Auguste Dupin. This young gentleman was of an excellent, indeed of an illustrious family, but, by a variety of untoward events, had been reduced to such poverty that the energy of his character succumbed beneath it, and he ceased to bestir himself in the world, or to care for the retrieval of his fortunes. By courtesy of his creditors, there still remained in his possession a small remnant of his patrimony; and, upon the income arising from this, he managed, by means of a rigorous economy, to procure the necessaries of life, without troubling himself about its superfluities. Books, indeed, were his sole luxuries, and in Paris these are easily obtained.

Our first meeting was at an obscure library in the Rue Montmartre, where the accident of our both being in search of the same very rare and very remarkable volume, brought us into closer communion. We saw each other again and again. I was deeply interested in the lit-

tle family history which he detailed to me with all that candor which a Frenchman indulges whenever mere self is the theme. I was astonished, too, at the vast extent of his reading; and, above all, I felt my soul enkindled within me by the wild fervor, and the vivid freshness of his imagination. Seeking in Paris the objects I then sought, I felt that the society of such a man would be to me a treasure beyond price; and this feeling I frankly confided to him. It was at length arranged that we should live together during my stay in the city; and as my worldly circumstances were somewhat less embarrassed than his own, I was permitted to be at the expense of renting, and furnishing in a style which suited the rather fantastic gloom of our common temper, a time-eaten and grotesque mansion, long deserted through superstitions into which we did not inquire, and tottering to its fall in a retired and desolate portion of the Faubourg St. Germain.

Had the routine of our life at this place been known to the world, we should have been regarded as madmen—although, perhaps, as madmen of a harmless nature. Our seclusion was perfect. We admitted no visitors. Indeed the locality of our retirement had been carefully kept a secret from my own former associates; and it had been many years since Dupin had ceased to know or be known in Paris. We existed within ourselves alone.

It was a freak of fancy in my friend (for

what else shall I call it?) to be enamored of the night for her own sake; and into this *bizarrerie*, as into all his others, I quietly fell; giving myself up to his wild whims with a perfect *abandon*. The sable divinity would not herself dwell with us always; but we could counterfeit her presence. At the first dawn of the morning we closed all the massy shutters of our old building; lighted a couple of tapers which, strongly perfumed, threw out only the ghastliest and feeblest of rays. By the aid of these we then busied our souls in dreams—reading, writing, or conversing, until warned by the clock of the advent of the true Darkness. Then we sallied forth into the streets, arm in arm, continuing the topics of the day, or roaming far and wide until a late hour, seeking, amid the wild lights and shadows of the populous city, that infinity of mental excitement which quiet observation can afford.

At such times I could not help remarking and admiring (although from his rich ideality I had been prepared to expect it) a peculiar analytic ability in Dupin. He seemed, too, to take an eager delight in its exercise—if not exactly in its display—and did not hesitate to confess the pleasure thus derived. He boasted to me, with a low chuckling laugh, that most men, in respect to himself, were windows in their bosoms, and was wont to follow up such assertions by direct and very startling proofs of his intimate knowledge of my own. His man-

ner at these moments was frigid and abstract; his eyes were vacant in expression; while his voice, usually a rich tenor, rose into a treble which would have sounded petulantly but for the deliberateness and entire distinctness of the enunciation. Observing him in these moods, I often dwelt meditatively upon the old philosophy of the Bi-Part Soul, and amused myself with the fancy of a double Dupin—the creative and the resolvent.

Let it not be supposed, from what I have just said, that I am detailing any mystery, or penning any romance. What I have described in the Frenchman was merely the result of an excited, or perhaps of a diseased, intelligence, But of the character of his remarks at the periods in question an example will best convey the idea.

We were strolling one night down a long dirty street, in the vicinity of the Palais Royal. Being both, apparently, occupied with thought, neither of us had spoken a syllable for fifteen minutes at least. All at once Dupin broke forth with these words:

"He is a very little fellow, that's true, and would do better for the *Théâtre Variétés.*"

"There can be no doubt of that," I replied, unwittingly, and not at first observing (so much had I been absorbed in reflection) the extraordinary manner in which the speaker had chimed in with my meditations. In an instant after-

ward I recollected myself, and my astonishment was profound.

"Dupin," said I, gravely, "this is beyond my comprehension. I do not hesitate to say that I am amazed, and can scarcely credit my senses. How was it possible you should know I was thinking of——?" Here I paused, to ascertain beyond a doubt whether he really knew of whom I thought.

"——— of Chantilly," said he, "why do you pause? You were remarking to yourself that his diminutive figure unfitted him for tragedy."

This was precisely what had formed the subject of my reflections. Chantilly was a *quondam* cobbler of the Rue St. Dennis, who, becoming stage-mad, had attempted the *rôle* of Xerxes, in Crébillon's tragedy so called, and been notoriously Pasquinaded for his pains.

"Tell me, for Heaven's sake," I exclaimed, "the method—if method there is—by which you have been enabled to fathom my soul in this matter." In fact, I was even more startled than I would have been willing to express.

"It was the fruiterer," replied my friend, "who brought you to the conclusion that the mender of soles was not of sufficient height for Xerxes *et id genus omne*."

"The fruiterer!—you astonish me—I know no fruiterer whomsoever."

"The man who ran up against you as we

entered the street—it may have been fifteen minutes ago."

I now remembered that, in fact, a fruiterer, carrying upon his head a large basket of apples, had nearly thrown me down, by accident, as we passed from the Rue C—— into the thoroughfare where we stood; but what this had to do with Chantilly I could not possibly understand.

There was not a particle of *charlatânerie* about Dupin. "I will explain," he said, "and that you may comprehend all clearly, we will first retrace the course of your meditations, from the moment in which I spoke to you until that of the *rencontre* with the fruiterer in question. The larger links of the chain run thus—Chantilly, Orion, Dr. Nichols, Epicurus, Stereotomy, the street stones, the fruiterer."

There are few persons who have not, at some period of their lives, amused themselves in retracing the steps by which particular conclusions of their own minds have been attained. The occupation is often full of interest; and he who attempts it for the first time is astonished by the apparently illimitable distance and incoherence between the starting-point and the goal. What, then, must have been my amazement, when I heard the Frenchman speak what he had just spoken, and when I could not help acknowledging that he had spoken the truth. He continued:

"We had been talking of horses, if I remem-

ber aright, just before leaving the Rue C——. This was the last subject we discussed. As we crossed into this street, a fruiterer, with a large basket upon his head, brushing quickly past us, thrust you upon a pile of paving-stones collected at a spot where the causeway is undergoing repair. You stepped upon one of the loose fragments, slipped, slightly strained your ankle, appeared vexed or sulky, muttered a few words, turned to look at the pile, and then proceeded in silence. I was not particularly attentive to what you did; but observation has become with me, of late, a species of necessity.

"You kept your eyes upon the ground—glancing, with a petulant expression, at the holes and ruts in the pavement, (so that I saw you were still thinking of the stones,) until we reached the little alley called Lamartine, which has been paved, by way of experiment, with the overlapping and riveted blocks. Here your countenance brightened up, and, perceiving your lips move, I could not doubt that you murmured the word 'stereotomy,' a term very affectedly applied to this species of pavement. I knew that you could not say to yourself 'stereotomy' without being brought to think of atomies, and thus of the theories of Epicurus: and since, when we discussed this subject not very long ago, I mentioned to you how singularly, yet with how little notice, the vague guesses of that noble Greek had met with confirmation in the late nebular cosmogony, I felt

that you could not avoid casting your eyes upward to the great *nebula* in Orion, and I certainly expected that you would do so. You did look up; and I was now assured that I had correctly followed your steps. But in that bitter *tirade* upon Chantilly, which appeared in yesterday's '*Musée*,' the satirist, making some disgraceful allusions to the cobbler's change of name upon assuming the buskin, quoted a Latin line about which we have often conversed. I mean the line

Perdidit antiquum litera prima sonum.

I had told you that this was in reference to Orion, formerly written Urion; and, from certain pungencies connected with this explanation, I was aware that you could not have forgotten it. It was clear, therefore, that you would not fail to combine the two ideas of Orion and Chantilly. That you did combine them I saw by the character of the smile which passed over your lips. You thought of the poor cobbler's immolation. So far, you had been stooping in your gait; but now I saw you draw yourself up to your full height. I was then sure that you reflected upon the diminutive figure of Chantilly. At this point I interrupted your meditations to remark that as, in fact, he *was* a very little fellow—that Chantilly—he would do better at the *Théâtre des Variétés*."

Not long after this, we were looking over an

evening edition of the *Gazette des Tribunaux*, when the following paragraphs arrested our attention.

"EXTRAORDINARY MURDERS.—This morning, about three o'clock, the inhabitants of the Quartier St. Roch were roused from sleep by a succession of terrific shrieks, issuing, apparently, from the fourth story of a house in the Rue Morgue, known to be in the sole occupancy of one Madame L'Espanaye, and her daughter, Mademoiselle Camille L'Espanaye. After some delay, occasioned by a fruitless attempt to procure admission in the usual manner, the gateway was broken in with a crowbar, and eight or ten of the neighbors entered, accompanied by two *gendarmes*. By this time the cries had ceased; but, as the party rushed up the first flight of stairs, two or more rough voices, in angry contention, were distinguished, and seemed to proceed from the upper part of the house. As the second landing was reached, these sounds, also, had ceased, and every thing remained perfectly quiet. The party spread themselves, and hurried from room to room. Upon arriving at a large back chamber in the fourth story, (the door of which, being found locked, with the key inside, was forced open,) a spectacle presented itself which struck every one present not less with horror than with astonishment.

"The apartment was in the wildest disorder —the furniture broken and thrown about in all

directions. There was only one bedstead; and from this the bed had been removed, and thrown into the middle of the floor. On a chair lay a razor, besmeared with blood. On the hearth were two or three long and thick tresses of gray human hair, also dabbled with blood, and seeming to have been pulled out by the roots. Upon the floor were found four Napoleons, an ear-ring of topaz, three large silver spoons, three smaller of *métal d'Alger*, and two bags, containing nearly four thousand francs in gold. The drawers of a *bureau*, which stood in one corner, were open, and had been, apparently, rifled, although many articles still remained in them. A small iron safe was discovered under the *bed* (not under the bedstead). It was open, with the key still in the door. It had no contents beyond a few old letters, and other papers of little consequence.

"Of Madame L'Espanaye no traces were here seen; but an unusual quantity of soot being observed in the fire-place, a search was made in the chimney, and (horrible to relate!) the corpse of the daughter, head downward, was dragged therefrom; it having been thus forced up the narrow aperture for a considerable distance. The body was quite warm. Upon examining it, many excoriations were perceived, no doubt occasioned by the violence with which it had been thrust up and disengaged. Upon the face were many severe scratches, and, upon the throat, dark bruises, and deep indentations

of finger nails, as if the deceased had been throttled to death.

"After a thorough investigation of every portion of the house without farther discovery, the party made its way into a small paved yard in the rear of the building, where lay the corpse of the old lady, with her throat so entirely cut that, upon an attempt to raise her, the head fell off. The body, as well as the head, was fearfully mutilated—the former so much so as scarcely to retain any semblance of humanity.

"To this horrible mystery there is not as yet, we believe, the slightest clew."

The next day's paper had these additional particulars:

"*The Tragedy in the Rue Morgue.*—Many individuals have been examined in relation to this most extraordinary and frightful affair," [the word '*affaire*' has not yet, in France, that levity of import which it conveys with us] "but nothing whatever has transpired to throw light upon it. We give below all the material testimony elicited.

"*Pauline Dubourg*, laundress, deposes that she has known both the deceased for three years, having washed for them during that period. The old lady and her daughter seemed on good terms—very affectionate toward each other. They were excellent pay. Could not speak in regard to their mode or means of living. Believed that Madame L. told fortunes for a living. Was reputed to have money put by.

Never met any person in the house when she called for the clothes or took them home. Was sure that they had no servant in employ. There appeared to be no furniture in any part of the building except in the fourth story.

"*Pierre Moreau*, tobacconist, deposes that he has been in the habit of selling small quantities of tobacco and snuff to Madame L'Espanaye for nearly four years. Was born in the neighborhood, and has always resided there. The deceased and her daughter had occupied the house in which the corpses were found, for more than six years. It was formerly occupied by a jeweller, who under-let the upper rooms to various persons. The house was the property of Madame L. She became dissatisfied with the abuse of the premises by her tenant, and moved into them herself, refusing to let any portion. The old lady was childish. Witness had seen the daughter some five or six times during the six years. The two lived an exceedingly retired life—were reputed to have money. Had heard it said among the neighbors that Madame L. told fortunes—did not believe it. Had never seen any person enter the door except the old lady and her daughter, a porter once or twice, and a physician some eight or ten times.

"Many other persons, neighbors, gave evidence to the same effect. No one was spoken of as frequenting the house. It was not known whether there were any living connections of Madame L. and her daughter. The shutters of

the front windows were seldom opened. Those in the rear were always closed, with the exception of the large back room, fourth story. The house was a good house—not very old.

"*Isidore Musèt, gendarme*, deposes that he was called to the house about three o'clock in the morning, and found some twenty or thirty persons at the gateway, endeavoring to gain admittance. Forced it open, at length, with a bayonet—not with a crowbar. Had but little difficulty in getting it open, on account of its being a double or folding gate, and bolted neither at bottom nor top. The shrieks were continued until the gate was forced—and then suddenly ceased. They seemed to be screams of some person (or persons) in great agony—were loud and drawn out, not short and quick. Witness led the way up stairs. Upon reaching the first landing, heard two voices in loud and angry contention—the one a gruff voice, the other much shriller—a very strange voice. Could distinguish some words of the former, which was that of a Frenchman. Was positive that it was not a woman's voice. Could distinguish the words '*sacré*' and '*diable*.' The shrill voice was that of a foreigner. Could not be sure whether it was the voice of a man or of a woman. Could not make out what was said, but believed the language to be Spanish. The state of the room and of the bodies was described by this witness as we described them yesterday.

"*Henri Duval,* a neighbor, and by trade a silver-smith, deposes that he was one of the party who first entered the house. Corroborates the testimony of Musèt in general. As soon as they forced an entrance, they re-closed the door, to keep out the crowd, which collected very fast, notwithstanding the lateness of the hour. The shrill voice, this witness thinks, was that of an Italian. Was certain it was not French. Could not be sure that it was a man's voice. It might have been a woman's. Was not acquainted with the Italian language. Could not distinguish the words, but was convinced by the intonation that the speaker was an Italian. Knew Madame L. and her daughter. Had conversed with both frequently. Was sure that the shrill voice was not that of either of the deceased.

"——*Odenheimer, restaurateur.*—This witness volunteered his testimony. Not speaking French, was examined through an interpreter. Is a native of Amsterdam. Was passing the house at the time of the shrieks. They lasted for several minutes—probably ten. They were long and loud—very awful and distressing. Was one of those who entered the building. Corroborated the previous evidence in every respect but one. Was sure that the shrill voice was that of a man—of a Frenchman. Could not distinguish the words uttered. They were loud and quick—unequal—spoken apparently in fear as well as in anger. The voice was

harsh—not so much shrill as harsh. Could not call it a shrill voice. The gruff voice said repeatedly, '*sacré*,' '*diable*,' and once '*mon Dieu!*'

"*Jules Mignaud*, banker, of the firm of Mignaud et Fils, Rue Deloraine. Is the elder Mignaud. Madame L'Espanaye had some property. Had opened an account with his banking house in the spring of the year—(eight years previously). Made frequent deposits in small sums. Had checked for nothing until the third day before her death, when she took out in person the sum of 4000 francs. This sum was paid in gold, and a clerk sent home with the money.

"*Adolphe Le Bon*, clerk to Mignaud et Fils, deposes that on the day in question, about noon, he accompanied Madame L'Espanaye to her residence with the 4000 francs, put up in two bags. Upon the door being opened, Mademoiselle L. appeared and took from his hands one of the bags, while the old lady relieved him of the other. He then bowed and departed. Did not see any person in the street at the time. It is a by-street—very lonely.

"*William Bird*, tailor, deposes that he was one of the party who entered the house. Is an Englishman. Has lived in Paris two years. Was one of the first to ascend the stairs. Heard the voices in contention. The gruff voice was that of a Frenchman. Could make out several words, but cannot now remember all. Heard

distinctly '*sacré*' and '*mon Dieu.*' There was a sound at the moment as if of several persons struggling—a scraping and scuffling sound. The shrill voice was very loud—louder than the gruff one. Is sure that it was not the voice of an Englishman. Appeared to be that of a German. Might have been a woman's voice. Does not understand German.

"Four of the above-named witnesses being recalled, deposed that the door of the chamber in which was found the body of Mademoiselle L. was locked on the inside when the party reached it. Every thing was perfectly silent —no groans or noises of any kind. Upon forcing the door no person was seen. The windows, both of the back and front room, were down and firmly fastened from within. A door between the two rooms was closed but not locked. The door leading from the front room into the passage was locked, with the key on the inside. A small room in the front of the house, on the fourth story, at the head of the passage, was open, the door being ajar. This room was crowded with old beds, boxes, and so forth. These were carefully removed and searched. There was not an inch of any portion of the house which was not carefully searched. Sweeps were sent up and down the chimneys. The house was a four-story one, with garrets (*mansardes*). A trap-door on the roof was nailed down very securely—did not appear to have been opened for years. The time elapsing

between the hearing of the voices in contention and the breaking open of the room door was variously stated by the witnesses. Some made it as short as three minutes—some as long as five. The door was opened with difficulty.

"*Alfonzo Garco*, undertaker, deposes that he resides in the Rue Morgue. Is a native of Spain. Was one of the party who entered the house. Did not proceed up stairs. Is nervous, and was apprehensive of the consequences of agitation. Heard the voices in contention. The gruff voice was that of a Frenchman. Could not distinguish what was said. The shrill voice was that of an English man—is sure of this. Does not understand the English language, but judges by the intonation.

"*Alfonzo Garcio*, undertaker, deposes that he he was among the first to ascend the stairs. Heard the voices in question. The gruff voice was that of a Frenchman. Distinguished several words. The speaker appeared to be expostulating. Could not make out the words of the shrill voice. Spoke quick and unevenly. Thinks it the voice of a Russian. Corroborates the general testimony. Is an Italian. Never conversed with a native of Russia.

"Several witnesses, recalled, here testified that the chimneys of all the rooms on the fourth story were too narrow to admit the passage of a human being. By 'sweeps' were meant cylindrical sweeping-brushes, such as are employed by those who clean chimneys. These

brushes were passed up and down every flue in the house. There is no back passage by which any one could have descended while the party proceeded up stairs. The body of Mademoiselle L'Espanaye was so firmly wedged in the chimney that it could not be got down until four or five of the party united their strength.

" *Paul Dumas*, physician, deposes that he was called to view the bodies about daybreak. They were both then lying on the sacking of the bedstead in the chamber where Mademoiselle L. was found. The corpse of the young lady was much bruised and excoriated. The fact that it had been thrust up the chimney would sufficiently account for these appearances. The throat was greatly chafed. There were several deep scratches just below the chin, together with a series of livid spots which were evidently the impression of fingers. The face was fearfully discolored, and the eyeballs protruded. The tongue had been partially bitten through. A large bruise was discovered upon the pit of the stomach, produced, apparently, by the pressure of a knee. In the opinion of M. Dumas, Mademoiselle L'Espanaye had been throttled to death by some person or persons unknown. The corpse of the mother was horribly mutilated. All the bones of the right leg and arm were more or less shattered. The left *tibia* much splintered, as well as all the ribs of the left side. Whole body dreadfully bruised and discolored. It was not possible to say how the

injuries had been inflicted. A heavy club of wood, or a broad bar of iron—a chair—any large, heavy, and obtuse weapon would have produced such results, if wielded by the hands of a very powerful man. No woman could have inflicted the blows with any weapon. The head of the deceased, when seen by witness, was entirely separated from the body, and was also greatly shattered. The throat had evidently been cut with some very sharp instrument—probably with a razor.

"*Alexandre Etienne*, surgeon, was called with M. Dumas to view the bodies. Corroborated the testimony, and the opinions of M. Dumas.

"Nothing further of importance was elicited, although several other persons were examined. A murder so mysterious, and so perplexing in all its particulars, was never before committed in Paris—if indeed a murder has been committed at all. The police are entirely at fault—an unusual occurrence in affairs of this nature. There is not, however, the shadow of a clew apparent."

The evening edition of the paper stated that the greatest excitement still continued in the Quartier St. Roch—that the premises in question had been carefully re-searched, and fresh examinations of witnesses instituted, but all to no purpose. A postscript, however, mentioned that Adolphe Le Bon had been arrested and im-

prisoned—although nothing appeared to criminate him beyond the facts already detailed.

Dupin seemed singularly interested in the progress of this affair—at least so I judged from his manner, for he made no comments. It was only after the announcement that Le Bon had been imprisoned, that he asked me my opinion respecting the murders.

I could merely agree with all Paris in considering them an insoluble mystery. I saw no means by which it would be possible to trace the murderer.

"We must not judge of the means," said Dupin, "by this shell of an examination. The Parisian police, so much extolled for *acumen*, are cunning, but no more. There is no method in their proceedings, beyond the method of the moment. They make a vast parade of measures; but, not unfrequently, these are so ill-adapted to the objects proposed, as to put us in mind of Monsieur Jourdain's calling for his *robe-de-chambre—pour mieux entendre la musique*. The results attained by them are not unfrequently surprising, but, for the most part, are brought about by simple diligence and activity. When these qualities are unavailing, their schemes fail. Vidocq, for example, was a good guesser, and a persevering man. But, without educated thought, he erred continually by the very intensity at his investigations. He impaired his vision by holding the object too close. He might see, perhaps, one or two points

with unusual clearness, but in so doing he, necessarily, lost sight of the matter as a whole. Thus there is such a thing as being too profound. Truth is not always in a well. In fact, as regards the more important knowledge, I do believe that she is invariably superficial. The depth lies in the valleys where we seek her, and not upon the mountain-tops where she is found. The modes and sources of this kind of error are well typified in the contemplation of the heavenly bodies. To look at a star by glances —to view it in a side-long way, by turning toward it the exterior portions of the *retina* (more susceptible of feeble impressions of light than the interior), is to behold the star distinctly—is to have the best appreciation of its lustre—a lustre which grows dim just in proportion as we turn our vision *fully* upon it. A greater number of rays actually fall upon the eye in the latter case, but in the former, there is the more refined capacity for comprehension. By undue profundity we perplex and enfeeble thought; and it is possible to make even Venus herself vanish from the firmament by a scrutiny too sustained, too concentrated, or too direct.

"As for these murders, let us enter into some examinations for ourselves, before we make up an opinion respecting them. An inquiry will afford us amusement," [I thought this an odd term, so applied, but said nothing] "and besides, Le Bon once rendered me a service for

which I am not ungrateful. We will go and see the premises with our own eyes. I know G——, the Prefect of Police, and shall have no difficulty in obtaining the necessary permission."

The permission was obtained, and we proceeded at once to the Rue Morgue. This is one of those miserable thoroughfares which intervene between the Rue Richelieu and the Rue St. Roch. It was late in the afternoon when we reached it, as this quarter is at a great distance from that in which we resided. The house was readily found; for there were still many persons gazing up at the closed shutters, with an objectless curiosity, from the opposite side of the way. It was an ordinary Parisian house, with a gateway, on one side of which was a glazed watch-box, with a sliding panel in the window, indicating a *loge de concierge*. Before going in we walked up the street, turned down an alley, and then, again turning, passed in the rear of the building—Dupin, meanwhile, examining the whole neighborhood, as well as the house, with a minuteness of attention for which I could see no possible object.

Retracing our steps we came again to the front of the dwelling, rang, and, having shown our credentials, were admitted by the agents in charge. We went up stairs—into the chamber where the body of Mademoiselle L'Espanaye had been found, and where both the deceased still lay. The disorders of the room had,

as usual, been suffered to exist. I saw nothing beyond what had been stated in the *Gazette des Tribunaux*. Dupin scrutinized every thing—not excepting the bodies of the victims. We then went into the other rooms, and into the yard; a *gendarme* accompanying us throughout. The examination occupied us until dark, when we took our departure. On our way home my companion stepped in for a moment at the office of one of the daily papers.

I have said that the whims of my friend were manifold, and that *Je les ménagais*:—for this phrase there is no English equivalent. It was his humor, now, to decline all conversation on the subject of the murder, until about noon the next day. He then asked me, suddenly, if I had observed any thing *peculiar* at the scene of the atrocity.

There was something in his manner of emphasizing the word "peculiar," which caused me to shudder, without knowing why.

"No, nothing *peculiar*," I said; "nothing more, at least, than we both saw stated in the paper.

"The *Gazette*," he replied, "has not entered I fear, into the unusual horror of the thing. But dismiss the idle opinions of this print. It appears to me that this mystery is considered insoluble, for the very reason which should cause it to be regarded as easy of solution—I mean for the *outré* character of its features. The police are confounded by the seeming absence

of motive—not for the murder itself—but for the atrocity of the murder. They are puzzled, too, by the seeming impossibility of reconciling the voices heard in contention, with the facts that no one was discovered upstairs but the assassinated Mademoiselle L'Espanaye, and that there were no means of egress without the notice of the party ascending. The wild disorder of the room; the corpse thrust, with the head downward, up the chimney; the frightful mutilation of the body of the old lady; these considerations, with those just mentioned, and others which I need not mention, have sufficed to paralyze the powers, by putting completely at fault the boasted *acumen*, of the government agents. They have fallen into the gross but common error of confounding the unusual with the abstruse. But it is by these deviations from the plane of the ordinary, that reason feels its way, if at all, in its search for the true. In investigations such as we are now pursuing, it should not be so much asked 'what has occurred,' as 'what has occurred that has never occurred before.' In fact, the facility with which I shall arrive, or have arrived, at the solution of this mystery, is in the direct ratio of its apparent insolubility in the eyes of the police."

I stared at the speaker in mute astonishment.

"I am now awaiting," continued he, looking toward the door of our apartment—"I am now awaiting a person who, although perhaps not

the perpetrator of these butcheries, must have been in some measure implicated in their perpetration. Of the worst portion of the crimes committed, it is probable that he is innocent. I hope that I am right in this supposition; for upon it I build my expectation of reading the entire riddle. I look for the man here—in this room—every moment. It is true that he may not arrive; but the probability is that he will. Should he come, it will be necessary to detain him. Here are pistols; and we both know how to use them when occasion demands their use."

I took the pistols, scarcely knowing what I did, or believing what I heard, while Dupin went on, very much as if in a soliloquy. I have already spoken of his abstract manner at such times. His discourse was addressed to myself; but his voice, although by no means loud, had that intonation which is commonly employed in speaking to some one at a great distance. His eyes, vacant in expression, regarded only the wall.

"That the voices heard in contention," he said, "by the party upon the stairs, were not the voices of the women themselves, was fully proved by the evidence. This relieves us of all doubt upon the question whether the old lady could have first destroyed the daughter, and afterward have committed suicide. I speak of this point chiefly for the sake of method; for the strength of Madame L'Espanaye would

have been utterly unequal to the task of thrusting her daughter's corpse up the chimney as it was found; and the nature of the wounds upon her own person entirely precludes the idea of self-destruction. Murder, then, has been committed by some third party; and the voices of this third party were those heard in contention. Let me now advert—not to the whole testimony respecting these voices—but to what was *peculiar* in that testimony. Did you observe any thing peculiar about it?"

I remarked that, while all the witnesses agreed in supposing the gruff voice to be that of a Frenchman, there was much disagreement in regard to the shrill, or, as one individual termed it, the harsh voice.

"That was the evidence itself," said Dupin, "but it was not the peculiarity of the evidence. You have observed nothing distinctive. Yet there *was* something to be observed. The witnesses, as you remark, agreed about the gruff voice; they were here unanimous. But in regard to the shrill voice, the peculiarity is—not that they disagreed—but that, while an Italian, an Englishman, a Spaniard, a Hollander, and a Frenchman attempted to describe it, each one spoke of it as that *of a foreigner*. Each is sure that it was not the voice of one of his own countrymen. Each likens it—not to the voice of an individual of any nation with whose language he is conversant—but the converse. The Frenchman supposes it the voice of

a Spaniard, and 'might have distinguished some words *had he been acquainted with the Spanish.*' The Dutchman maintains it to have been that of a Frenchman; but we find it stated that '*not understanding French this witness was examined through an interpreter.*' The Englishman thinks it the voice of a German, and '*does not understand German.*' The Spaniard 'is sure' that it was that of an Englishman, but 'judges by the intonation' altogether, '*as he has no knowledge of the English.*' The Italian believes it the voice of a Russian, but '*has never conversed with a native of Russia.*' A second Frenchman differs, moreover, with the first, and is positive that the voice was that of an an Italian; but, *not being cognizant of that tongue*, is, like the Spaniard, 'convinced by the intonation.' Now, how strangely unusual must that voice have really been, about which such testimony as this *could* have been elicited! —in whose *tones*, even, denizens of the five great divisions of Europe could recognize nothing familiar! You will say that it might have been the voice of an Asiatic —of an African. Neither Asiatics nor Africans abound in Paris; but, without denying the inference, I will now merely call your attention to three points. The voice is termed by one witness 'harsh rather than shrill.' It is represented by two others to have been 'quick and *unequal.*' No words—no sounds resembling words— were

by any witness mentioned as distinguishable.

"I know not," continued Dupin, "what impression I may have made, so far, upon your own understanding; but I do not hesitate to say that legitimate deductions even from this portion of the testimony—the portion respecting the gruff and shrill voices—are in themselves sufficient to engender a suspicion which should give direction to all farther progress in the investigation of the mystery. I said 'legitimate deductions'; but my meaning is not thus fully expressed. I designed to imply that the deductions are the *sole* proper ones, and that the suspicion arises *inevitably* from them as the single result. What the suspicion is, however, I will not say just yet. I merely wish you to bear in mind that, with myself, it was sufficiently forcible to give a definite form—a certain tendency—to my inquiries in the chamber.

"Let us now transport ourselves, in fancy, to this chamber. What shall we first seek here? The means of egress employed by the murderers. It is not too much to say that neither of us believe in preternatural events. Madame and Mademoiselle L'Espanaye were not destroyed by spirits. The doers of the deed were material and escaped materially. Then how? Fortunately there is but one mode of reasoning upon the point, and that mode *must* lead us to a definite decision. Let us examine,

each by each, the possible means of egress. It is clear that the assassins were in the room where Mademoiselle L'Espanaye was found, or at least in the room adjoining, when the party ascended the stairs. It is, then, only from these two apartments that we have to seek issues. The police have laid bare the floors, the ceiling, and the masonry of the walls, in every direction. No *secret* issues could have escaped their vigilance. But, not trusting to *their* eyes, I examined with my own. There were, then, *no* secret issues. Both doors leading from the rooms into the passage were securely locked, with the keys inside. Let us turn to the chimneys. These, although of ordinary width for some eight or ten feet above the hearths, will not admit, throughout their extent, the body of a large cat. The impossibility of egress, by means already stated, being thus absolute, we are reduced to the windows. Through those of the front room no one could have escaped without notice from the crowd in the street. The murderers *must* have passed, then, through those of the back room. Now, brought to this conclusion in so unequivocal a manner as we are, it is not our part, as reasoners, to reject it on account of apparent impossibilities. It is only left for us to prove that these apparent 'impossibilities' are, in reality, not such.

"There are two windows in the chamber. One of them is unobstructed by furniture, and

is wholly visible. The lower portion of the other is hidden from view by the head of the unwieldy bedstead which is thrust close up against it. The former was found securely fastened from within. It resisted the utmost force of those who endeavored to raise it. A large gimlet-hole had been pierced in its frame to the left, and a very stout nail was found fitted therein, nearly to the head. Upon examining the other window, a similar nail was seen similarly fitted in it; and a vigorous attempt to raise this sash failed also. The police were now entirely satisfied that egress had not been in these directions. And, *therefore,* it was thought a matter of supererogation to withdraw the nails and open the windows.

"My own examination was somewhat more particular, and was so for the reason I have just given—because here it was, I knew, that all apparent impossibilities *must* be proved to be not such in reality.

"I proceeded to think thus—*a posteriori.* The murderers *did* escape from one of these windows. This being so, they could not have re-fastened the sashes from the inside, as they were found fastened;—the consideration which put a stop, through its obviousness, to the scrutiny of the police in this quarter. Yet the sashes *were* fastened. They *must,* then, have the power of fastening themselves. There was no escape from this conclusion. I stepped to the unobstructed casement, withdrew the nail

with some difficulty, and attempted to raise the sash. It resisted all my efforts, as I had anticipated. A concealed spring must, I now knew, exist; and this corroboration of my idea convinced me that my premises, at least, were correct, however mysterious still appeared the circumstances attending the nails. A careful search soon brought to light the hidden spring. I pressed it, and, satisfied with the discovery, forbore to upraise the sash.

"I now replaced the nail and regarded it attentively. A person passing out though this window might have reclosed it, and the spring would have caught — but the nail could not have been replaced. The conclusion was plain, and again narrowed in the field of my investigations. The assassins *must* have escaped through the other window. Supposing, then, the springs upon each sash to be the same, as was probable, there *must* be found a difference between the nails, or at least between the modes of their fixture. Getting upon the sacking of the bedstead, I looked over the head-board minutely at the second casement. Passing my hand down behind the board, I readily discovered and pressed the spring, which was, as I had supposed, identical in character with its neighbor. I now looked at the nail. It was as stout as the other, and apparently fitted in the same manner — driven in nearly up to the head.

"You will say that I was puzzled; but, if you think so, you must have misunderstood the

nature of the inductions. To use a sporting phrase, I had not been once 'at fault.' The scent had never for an instant been lost. There was no flaw in any link of the chain. I had traced the secret to its ultimate result,—and that result was *the nail.* It had, I say, in every respect, the appearance of its fellow in the other window; but this fact was an absolute nullity (conclusive as it might seem to be) when compared with the consideration that here, at this point, terminated the clew. 'There *must* be something wrong,' I said, 'about the nail.' I touched it; and the head, with about a quarter of an inch of the shank, came off in my fingers. The rest of the shank was in the gimlet-hole, where it had been broken off. The fracture was an old one (for its edges were incrusted with rust), and had apparently been accomplished by the blow of a hammer, which had partially imbedded, in the top of the bottom sash, the head portion of the nail. I now carefully replaced this head portion in the indentation whence I had taken it, and the resemblance to a perfect nail was complete—the fissure was invisible. Pressing the spring, I gently raised the sash for a few inches; the head went up with it, remaining firm in its bed. I closed the window, and the semblance of the whole nail was again perfect.

"This riddle, so far, was now unriddled. The assassin had escaped through the window which looked upon the bed. Dropping of its

own accord upon his exit (or perhaps purposely closed), it had become fastened by the spring; and it was the retention of this spring which had been mistaken by the police for that of the nail,—farther inquiry being thus considered unnecessary.

"The next question is that of the mode of descent. Upon this point I had been satisfied in my walk with you around the building. About five feet and a half from the casement in question there runs a lightning-rod. From this rod it would have been impossible for any one to reach the window itself, to say nothing of entering it. I observed, however, that the shutters of the fourth story were of the peculiar kind called by Parisian carpenters *ferrades*—a kind rarely employed at the present day, but frequently seen upon very old mansions at Lyons and Bourdeaux. They are in the form of an ordinary door (a single, not a folding door), except that the lower half is latticed or worked in open trellis—thus affording an excellent hold for the hands. In the present instance these shutters are fully three feet and a half broad. When we saw them from the rear of the house, they were both about half open—that is to say, they stood off at right angles from the wall. It is probable that the police, as well as myself, examined the back of the tenement; but, if so, in looking at these *ferrades* in the line of their breadth (as they must have done), they did not perceive this great

breadth itself, or, at all events, failed to take it into due consideration. In fact, having once satisfied themselves that no egress could have been made in this quarter, they would naturally bestow here a very cursory examination. It was clear to me, however, that the shutter belonging to the window at the head of the bed, would, if swung fully back to the wall, reach to within two feet of the lightning-rod. It was also evident that, by exertion of a very unusual degree of activity and courage, an entrance into the window, from the rod, might have been thus effected. By reaching to the distance of two feet and a half (we now suppose the sl utter open to its whole extent) a robber might have taken a firm grasp upon the trellis-work. Letting go, then, his hold upon the rod, placing his feet securely against the wall, and springing boldly from it, he might have swung the shutter so as to close it, and, if we imagine the window open at the time, might even have swung himself into the room.

"I wish you to bear especially in mind that I have spoken of a *very* unusual degree of activity as requisite to success in so hazardous and so difficult a feat. It is my design to show you first, that the thing might possibly have been accomplished:—but, secondly and *chiefly*. I wish to impress upon your understanding the *very extraordinary*—the almost præternatural character of that agility which could have accomplished it.

"You will say, no doubt, using the language of the law, that 'to make out my case,' I should rather undervalue, than insist upon a full estimation of the activity required in this matter. This may be the practice in law, but it is not the usage of reason. My ultimate object is only the truth. My immediate purpose is to lead you to place in juxtaposition, that *very unusual* activity of which I have just spoken, with that *very peculiar* shrill (or harsh) and *unequal* voice, about whose nationality no two persons could be found to agree, and in whose utterance no syllabification could be detected."

At these words a vague and half-formed conception of the meaning of Dupin flitted over my mind. I seemed to be upon the verge of comprehension, without power to comprehend—as men, at times, find themselves upon the brink of remembrance, without being able, in the end, to remember. My friend went on with his discourse.

"You will see," he said, "that I have shifted the question from the mode of egress to that of ingress. It was my design to convey the idea that both were effected in the same manner, at the same point. Let us now revert to the interior of the room. Let us survey the appearances here. The drawers of the bureau, it is said, had been rifled, although many articles of apparel still remained within them. The conclusion here is absurd. It is a mere guess—a very silly one—and no more. How are we to

know that the articles found in the drawers were not all these drawers had originally contained? Madame L'Espanaye and her daughter lived an exceedingly retired life—saw no company—seldom went out—had little use for numerous changes of habiliment. Those found were at least of as good quality as any likely to be possessed by these ladies. If a thief had taken any, why did he not take the best—why did he not take all? In a word, why did he abandon four thousand francs in gold to encumber himself with a bundle of linen? The gold *was* abandoned. Nearly the whole sum mentioned by Monsieur Mignaud, the banker, was discovered, in bags, upon the floor. I wish you therefore, to discard from your thoughts the blundering idea of *motive*, engendered in the brains of the police by that portion of the evidence which speaks of money delivered at the door of the house. Coincidences ten times as remarkable as this (the delivery of the money, and murder committed within three days upon the party receiving it), happen to all of us every hour of our lives, without attracting even momentary notice. Coincidences, in general, are great stumbling-blocks in the way of that class of thinkers who have been educated to know nothing of the theory of probabilities—that theory to which the most glorious objects of human research are indebted for the most glorious of illustration. In the present instance, had the gold been gone, the

fact of its delivery three days before would have formed something more than a coincidence. It would have been corroborative of this idea of motive. But, under the real circumstances of the case, if we are to suppose gold the motive of this outrage, we must also imagine the perpetrator so vacillating an idiot as to have abandoned his gold and his motive together.

"Keeping now steadily in mind the points to which I have drawn your attention—that peculiar voice, that unusual agility, and that startling absence of motive in a murder so singularly atrocious as this—let us glance at the butchery itself. Here is a woman strangled to death by manual strength, and thrust up a chimney head downward. Ordinary assassins employ no such mode of murder as this. Least of all, do they thus dispose of the murdered. In the manner of thrusting the corpse up the chimney, you will admit that there was something *excessively outré*—something altogether irreconcilable with our common notions of human action, even when we suppose the actors the most depraved of men. Think, too, how great must have been that strength which could have thrust the body *up* such an aperture so forcibly that the united vigor of several persons was found barely sufficient to drag it *down!*

"Turn, now, to other indications of the employment of a vigor most marvellous. On the hearth were thick tresses—very thick tresses—

of gray human hair. These had been torn out by the roots. You are aware of the great force necessary in tearing thus from the head even twenty or thirty hairs together. You saw the locks in question as well as myself. Their roots (a hideous sight!) were clotted with fragments of the flesh of the scalp—sure token of the prodigious power which had been exerted in uprooting perhaps half a million of hairs at a time. The throat of the old lady was not merely cut, but the head absolutely severed from the body: the instrument was a mere razor. I wish you also to look at the *brutal* ferocity of these deeds. Of the bruises upon the body of Madame L'Espanaye I do not speak. Monsieur Dumas, and his worthy coadjutor Monsieur Etienne, have pronounced that they were inflicted by some obtuse instrument; and so far these gentlemen are very correct. The obtuse instrument was clearly the stone pavement in the yard, upon which the victim had fallen from the window which looked in upon the bed. This idea, however simple it may now seem, escaped the police for the same reason that the breadth of the shutters escaped them —because, by the affair of the nails, their perceptions had been hermetically sealed against the possibility of the windows having ever been opened at all.

"If now, in addition to all these things, you have properly reflected upon the odd disorder of the chamber, we have gone so far as to

combine the ideas of an agility astounding, a strength superhuman, a ferocity brutal, a butchery without motive, a *grotesquerie* in horror absolutely alien from humanity, and a voice foreign in tone to the ears of men of many nations, and devoid of all distinct or intelligible syllabification. What result, then, has ensued? What impression have I made upon your fancy?"

I felt a creeping of the flesh as Dupin asked me the question. "A madman," I said, "has done this deed—some raving maniac, escaped from a neighboring *Maison de Santé*."

"In some respects," he replied, "your idea is not irrelevant. But the voices of madmen, even in their wildest paroxysms, are never found to tally with that peculiar voice heard upon the stairs. Madmen are of some nation, and their language, however incoherent in its words, has always the coherence of syllabification. Besides, the hair of a madman is not such as I now hold in my hand. I disentangled this little tuft from the rigidly clutched fingers of Madame L'Espanaye. Tell me what you can make of it."

"Dupin!" I said, completely unnerved; "this hair is most unusual—this is no *human* hair."

"I have not asserted that it is," said he; "but, before we decide this point, I wish you to glance at the little sketch I have here traced upon this paper. It is a *fac-simile* drawing of

what has been described in one portion of the testimony as 'dark bruises and deep indentations of finger nails' upon the throat of Mademoiselle L'Espanaye, and in another (by Messrs. Dumas and Etienne) as a 'series of livid spots, evidently the impression of fingers.'

"You will perceive," continued my friend, spreading out the paper upon the table before us, "that this drawing gives the idea of a firm and fixed hold. There is no *slipping* apparent. Each finger has retained—possibly until the death of the victim—the fearful grasp by which it originally imbedded itself. Attempt, now, to place all your fingers, at the same time, in the respective impressions as you see them."

I made the attempt in vain.

"We are possibly not giving this matter a fair trial," he said. "The paper is spread out upon a plane surface; but the human throat is cylindrical. Here is a billet of wood, the circumference of which is about that of the throat. Wrap the drawing around it, and try the experiment again."

I did so; but the difficulty was even more obvious than before. "This," I said, "is the mark of no human hand."

"Read now," replied Dupin, "this passage from Cuvier."

It was a minute anatomical and generally descriptive account of the large fulvious Ourang-Outang of the East Indian Islands. The gigantic stature, the prodigious strength and

activity, the wild ferocity, and the imitative propensities of these mammalia are sufficiently well known to all. I understood the full horrors of the murder at once.

"The description of the digits," said I, as I made an end of the reading, "is in exact accordance with his drawing. I see that no animal but an Ourang-Outang, of the species here mentioned, could have impressed the indentations as you have traced them. This tuft of tawny hair, too, is identical in character with that of the beast of Cuvier. But I cannot possibly comprehend the particulars of this frightful mystery. Besides, there were *two* voices heard in contention, and one of them was unquestionably the voice of a Frenchman."

"True; and you will remember an expression attributed almost unanimously, by the evidence, to this voice,—the expression, '*mon Dieu!*' This, under the circumstances, has been justly characterized by one of the witnesses (Montani, the confectioner) as an expression of remonstrance or expostulation. Upon these two words, therefore, I have mainly built my hopes of a full solution of the riddle. A Frenchman was cognizant of the murder. It is possible—indeed it is far more than probable—that he was innocent of all participation in the bloody transactions which took place. The Ourang-Outang may have escaped from him. He may have traced it to the chamber; but, under the agitating circumstances which ensued, he could

never have recaptured it. It is still at large. I will not pursue these guesses—for I have no right to call them more—since the shades of reflection upon which they are based are scarcely of sufficient depth to be appreciable by my own intellect, and since I could not pretend to make them intelligible to the understanding of another. We will call them guesses, then, and speak of them as such. If the Frenchman in question is indeed, as I suppose, innocent of this atrocity, this advertisement, which I left last night, upon our return home, at the office of *Le Monde* (a paper devoted to the shipping interest, and much sought by sailors), will bring him to our residence."

He handed me a paper, and I read thus:

CAUGHT—*In the Bois de Boulogne, early in the morning of the* —— *inst.* (the morning of the murder), *a very large, tawny Ourang-Outang of the Bornese species. The owner* (*who is ascertained to be a sailor, belonging to a Maltese vessel*) *may have the animal again, upon identifying it satisfactorily, and paying a few charges arising from its capture and keeping. Call at No.* —— *Rue* ——, *Faubourg St. Germain—au troisième.*"

"How was it possible," I asked, "that you should know the man to be a sailor, and belonging to a Maltese vessel?"

"I do *not* know it," said Dupin. "I am not *sure* of it. Here, however, is a small piece of

ribbon, which from its form, and from its greasy appearance, has evidently been used in tying the hair in one of those long *queues* of which sailors are so fond. Moreover, this knot is one which few besides sailors can tie, and it is peculiar to the Maltese. I picked the ribbon up at the foot of the lightning-rod. It could not have belonged to either of the deceased. Now if, after all, I am wrong in my induction from this ribbon, that the Frenchman was a sailor belonging to a Maltese vessel, still I can have done no harm in saying what I did in the advertisement. If I am in error, he will merely suppose that I have been misled by some circumstance into which he will not take the trouble to inquire. But if I am right, a great point is gained. Cognizant although innocent of the murder, the Frenchman will naturally hesitate about replying to the advertisement—about demanding the Ourang-Outang. He will reason thus:—'I am innocent; I am poor; my Ourang-Outang is of great value—to one in my circumstances a fortune of itself—why should I lose it through idle apprehensions of danger? Here it is, within my grasp. It was found in the Bois de Boulogne—at a vast distance from the scene of that butchery. How can it ever be suspected that a brute beast should have done the deed? The police are at fault—they have failed to procure the slightest clew. Should they even trace the animal, it would be impossible to prove me cognizant of

the murder, or to implicate me in guilt on account of that cognizance. Above all, *I am known*. The advertiser designates me as the possessor of the beast. I am not sure to what limit his knowledge may extend. Should I avoid claiming a property of so great value, which it is known that I possess, I will render the animal at least, liable to suspicion. It is not my policy to attract attention either to myself or to the beast. I will answer the advertisement, get the Ourang-Outang, and keep it close until this matter has blown over.'"

At this moment we heard a step upon the stairs.

"Be ready," said Dupin, "with your pistols, but neither use them nor show them until at a signal from myself."

The front door of the house had been left open, and the visitor had entered, without ringing, and advanced several steps upon the staircase. Now, however, he seemed to hesitate. Presently we heard him descending. Dupin was moving quickly to the door, when we again heard him coming up. He did not turn back a second time, but stepped up with decision, and rapped at the door of our chamber.

"Come in," said Dupin, in a cheerful and hearty tone.

A man entered. He was a sailor, evidently, —a tall, stout, and muscular-looking person, with a certain dare-devil expression of countenance, not altogether unprepossessing. His

face, greatly sunburnt, was more than half hidden by whisker and *mustachio*. He had with him a huge oaken cudgel, but appeared to be otherwise unarmed. He bowed awkwardly, and bade us "good evening," in French accents, which, although somewhat Neufchatelish, were still sufficiently indicative of a Parisian origin.

"Sit down, my friend," said Dupin. "I suppose you have called about the Ourang-Outang. Upon my word, I almost envy you the possession of him; a remarkably fine, and no doubt a very valuable animal. How old do you suppose him to be?"

The sailor drew a long breath, with the air of a man relieved of some intolerable burden, and then replied, in an assured tone:

"I have no way of telling—but he can't be more than four or five years old. Have you got him here?"

"Oh, no; we had no conveniences for keeping him here. He is at a livery stable in the Rue Dubourg, just by. You can get him in the morning. Of course you are prepared to identify the property?"

"To be sure I am, sir."

"I shall be sorry to part with him," said Dupin.

"I don't mean that you should be at all this trouble for nothing, sir," said the man. "Couldn't expect it. Am very willing to pay a reward for the finding of the animal—that is to say, anything in reason."

"Well," replied my friend, "that is all very fair, to be sure. Let me think!—what should I have? Oh! I will tell you. My reward shall be this. You shall give me all the information in your power about these murders in the Rue Morgue."

Dupin said the last words in a very low tone, and very quietly. Just as quietly, too, he walked toward the door, locked it, and put the key in his pocket. He then drew a pistol from his bosom and placed it, without the least flurry, upon the table.

The sailor's face flushed up as if he were struggling with suffocation. He started to his feet and grasped his cudgel; but the next moment he fell back into his seat, trembling violently, and with the countenance of death itself. He spoke not a word. I pitied him from the bottom of my heart.

"My friend," said Dupin, in a kind tone, "you are alarming yourself unnecessarily—you are indeed. We mean you no harm whatever. I pledge you the honor of a gentleman, and of a Frenchman, that we intend you no injury. I perfectly well know that you are innocent of the atrocities in the Rue Morgue. It will not do, however, to deny that you are in some measure implicated in them. From what I have already said, you must know that I have had means of information about this matter—means of which you could never have dreamed. Now the thing stands thus. You have done

nothing which you could have avoided—nothing, certainly, which renders you culpable. You were not even guilty of robbery, when you might have robbed with impunity. You have nothing to conceal. You have no reason for concealment. On the other hand, you are bound by every principle of honor to confess all you know. An innocent man is now imprisoned, charged with that crime of which you can point out the perpetrator."

The sailor had recovered his presence of mind, in a great measure, while Dupin uttered these words; but his original boldness of bearing was all gone.

"So help me God!" said he, after a brief pause, "I *will* tell you all I know about this affair;—but I do not expect you to believe one half I say—I would be a fool indeed if I did. Still, I *am* innocent, and I will make a clean breast if I die for it."

What he stated was, in substance, this. He had lately made a voyage to the Indian Archipelago. A party, of which he formed one, landed at Borneo, and passed into the interior on an excursion of pleasure. Himself and a companion had captured the Ourang-Outang. This companion dying, the animal fell into his own exclusive possession. After a great trouble, occasioned by the intractable ferocity of his captive during the home voyage, he at length succeeded in lodging it safely at his own residence in Paris, where, not to attract toward

himself the unpleasant curiosity of his neighbors, he kept it carefully secluded, until such time as it should recover from a wound in the foot, received from a splinter on board ship. His ultimate design was to sell it.

Returning home from some sailor's frolic on the night, or rather in the morning, of the murder, he found the beast occupying his own bedroom, into which it had broken from a closet adjoining, where it had been, as was thought, securely confined. Razor in hand, and fully lathered, it was sitting before a looking-glass, attempting the operation of shaving, in which it had no doubt previously watched its master through the key-hole of the closet. Terrified at the sight of so dangerous a weapon in the possession of an animal so ferocious, and so well able to use it, the man, for some moments, was at a loss what to do. He had been accustomed, however, to quiet the creature, even in its fiercest moods, by the use of a whip, and to this he now resorted. Upon sight of it, the Ourang-Outang sprang at once through the door of the chamber, down the stairs, and thence, through a window, unfortunately open, into the street.

The Frenchman followed in despair; the ape, razor still in hand, occasionally stopping to look back and gesticulate at his pursuer, until the latter had nearly come up with it. It then again made off. In this manner the chase continued for a long time. The streets were profoundly quiet, as it was nearly three o'clock

in the morning. In passing down an alley in the rear of the Rue Morgue, the fugitive's attention was arrested by a light gleaming from the open window of Madame L'Espanaye's chamber, in the fourth story of her house. Rushing to the building, it perceived the lightning-rod, clambered up with inconceivable agility, grasped the shutter, which was thrown fully back against the wall, and, by its means, swung itself directly upon the headboard of the bed. The whole feat did not occupy a minute. The shutter was kicked open again by the Ourang-Outang as it entered the room.

The sailor, in the meantime, was both rejoiced and perplexed. He had strong hopes of now recapturing the brute, as it could scarcely escape from the trap into which it had ventured, except by the rod, where it might be intercepted as it came down. On the other hand, there was much cause for anxiety as to what it might do in the house. This latter reflection urged the man still to follow the fugitive. A lightning-rod is ascended without difficulty, especially by a sailor; but, when he had arrived as high as the window, which lay far to his left, his career was stopped: the most that he could accomplish was to reach over so as to obtain a glimpse of the interior of the room. At this glimpse he nearly fell from his hold through excess of horror. Now it was that those hideous shrieks arose upon the night, which had startled from slumber the inmates of the Rue

Morgue. Madame L'Espanaye and her daughter, habited in their night clothes, had apparently been occupied in arranging some papers in the iron chest already mentioned, which had been wheeled into the middle of the room. It was open, and its contents lay beside it on the floor. The victims must have been sitting with their backs toward the window; and, from the time elapsing between the ingress of the beast and the screams, it seems probable that it was not immediately perceived. The flapping to of the shutter would naturally have been attributed to the wind.

As the sailor looked in, the gigantic animal had seized Madame L'Espanaye by the hair (which was loose, as she had been combing it), and was flourishing the razor about her face, in imitation of the motions of a barber. The daughter lay prostrate and motionless; she had swooned. The screams and struggles of the old lady (during which the hair was torn from her head) had the effect of changing the probably pacific purposes of the Ourang-Outang into those of wrath. With one determined sweep of its muscular arm it nearly severed her head from her body. The sight of blood inflamed its anger into phrensy. Gnashing its teeth, and flashing fire from its eyes, it flew upon the body of the girl and imbedded its fearful talons in her throat, retaining its grasp until she expired. Its wandering and wild glances fell at this moment upon the head of the bed, over which

the face of its master, rigid with horror, was just discernible. The fury of the beast, who no doubt bore still in mind the dreaded whip, was instantly converted into fear. Conscious of having deserved punishment, it seemed desirous of concealing its bloody deeds, and skipped about the chamber in an agony of nervous agitation; throwing down and breaking the furniture as it moved, and dragging the bed from the bedstead. In conclusion, it seized first the corpse of the daughter, and thrust it up the chimney, as it was found; then that of the old lady, which, it immediately hurled through the window headlong.

As the ape approached the casement with its mutilated burden, the sailor shrank aghast to the rod, and, rather gliding than clambering down it, hurried at once home—dreading the consequences of the butchery, and gladly abandoning, in his terror, all solicitude about the fate of the Ourang-Outang. The words heard by the party upon the staircase were the Frenchman's exclamations of horror and affright, commingled with the fiendish jabberings of the brute.

I have scarcely any thing to add. The Ourang-Outang must have escaped from the chamber, by the rod, just before the breaking of the door. It must have closed the window as it passed through it. It was subsequently caught by the owner himself, who obtained for it a very large sum at the *Jardin des Plantes*. Le Bon

was instantly released, upon our narration of the circumstances (with some comments from Dupin) at the *bureau* of the Prefect of Police. This functionary, however, well disposed to my friend, could not altogether conceal his chagrin at the turn which affairs had taken, and was fain to indulge in a sarcasm or two about the propriety of every person minding his own business.

"Let him talk," said Dupin, who had not thought it necessary to reply. "Let him discourse; it will ease his conscience. I am satisfied with having defeated him in his own castle. Nevertheless, that he failed in the solution of this mystery, is by no means that matter for wonder which he supposes it; for, in truth, our friend the Prefect is somewhat too cunning to be profound. In his wisdom is no *stamen*. It is all head and no body, like the pictures of the Goddess Laverna—or, at best, all head and shoulders, like a codfish. But he is a good creature after all. I like him especially for one master stroke of cant, by which he has attained his reputation for ingenuity, I mean the way he has '*de nier ce qui est, et d'expliquer ce qui n'est pas.*'"*

Rousseau—Nouvelle Heloise.

THE MYSTERY OF MARIE ROGET.*

A SEQUEL TO "THE MURDERS IN THE RUE MORGUE."

Es giebt eine Reihe idealischer Begebenheiten, die der Wirklichkeit parallel lauft. Selten fallen sie zusammen. Menschen und zufalle modificiren gewohnlich die idealische Begenbenheit, so dass sie unvollkommen erscheint, und ihre Folgen gleichfalls unvollkommen sind. So bei der Reformation; statt des Protestantismus kam das Lutherthum hervor.

There are ideal series of events which run parallel with the real ones. They rarely coincide. Men and circumstances generally modify the ideal train of events, so that it seems imperfect, and its consequences are equally imperfect. Thus with the Reformation; instead of Protestantism came Lutheranism.—Novalis.† Moral Ansichten.

THERE are few persons, even among the calmest thinkers, who have not occasionally been startled into a vague yet thrilling half-credence in the supernatural, by *coincidences* of so seemingly marvellous a character that, as *mere* coincidences, the intellect has been unable to receive them. Such sentiments—for the half-credences of which I speak have never the

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* Upon the original publication of "Marie Rogêt," the foot-notes now appended were considered unnecessary; but the lapse of several years since the tragedy upon which the tale is based, renders it expedient to give them, and also to say a few words in explanation of the general design. A young girl, *Mary Cecilia Rogers*, was murdered in the vicinity of New York; and

† The *nom de plume* of Von Hardenburg.

full force of *thought*—such sentiments are seldom thoroughly stifled unless by reference to the doctrine of chance, or, as it is technically termed, the Calculus of Probabilities. Now this Calculus is, in its essence, purely mathematical: and thus we have the anomaly of the most rigidly exact in science applied to the shadow and spirituality of the most intangible in speculation.

The extraordinary details which I am now called upon to make public, will be found to form, as regards sequence of time, the primary branch of a series of scarcely intelligible *coincidences*, whose secondary or concluding branch will be recognized by all readers in the late murder of MARIE CECILIA ROGERS, at New York.

When, in an article entitled "The Murders in the Rue Morgue." I endeavored, about a

although her death occasioned an intense and long-enduring excitement, the mystery attending it had remained unsolved at the period when the present paper was written and published (November, 1842). Herein, under pretence of relating the fate of a Parisian *grisette*, the author has followed, in minute detail, the essential, while merely paralleling the inessential, facts of the real murder of Mary Rogers. Thus all argument founded upon the fiction is applicable to the truth: and the investigation of the truth was the object.

The "Mystery of Marie Rogêt" was composed at a distance from the scene of the atrocity, and with no other means of investigation than the newspapers afforded. Thus much escaped the writer of which he could have availed himself had he been upon the spot and visited the localities. It may not be improper to record, nevertheless, that the confessions of *two* persons (one of them the Madame Deluc of the narrative), made, at different periods, long subsequent to the publication, confirmed, in full, not only the general conclusion, but absolutely *all* the chief hypothetical details by which that conclusion was attained.

year ago, to depict some very remarkable features in the mental character of my friend, the Chevalier C. Auguste Dupin, it did not occur to me that I should ever resume the subject. This depicting of character constituted my design; and this design was thoroughly fulfilled in the wild train of circumstances brought to instance Dupin's idiosyncrasy. I might have adduced other examples, but I should have proven no more. Late events, however, in their surprising development, have startled me into some further details, which will carry with them the air of extorted confession. Hearing what I have lately heard, it would be indeed strange should I remain silent in regard to what I both heard and saw so long ago.

Upon the winding up of the tragedy involved in the deaths of Madame L'Espanaye and her daughter, the Chevalier dismissed the affair at once from his attention, and relapsed into his old habits of moody revery. Prone, at all times, to abstraction, I readily fell in with his humor; and continuing to occupy our chambers in the Faubourg Saint Germain, we gave the Future to the winds, and slumbered tranquilly in the Present, weaving the dull world around us into dreams.

But these dreams were not altogether uninterrupted. It may readily be supposed that the part played by my friend, in the drama at the Rue Morgue, had not failed of its impression upon the fancies of the Parisian police. With

its emissaries, the name of Dupin had grown into a household word. The simple character of those inductions by which he had disentangled the mystery never having been explained even to the Prefect, or to any other individual than myself, of course it is not surprising that the affair was regarded as little less than miraculous, or that the Chevalier's analytical abilities acquired for him the credit of intuition. His frankness would have led him to disabuse every inquirer of such prejudice; but his indolent humor forbade all further agitation of a topic whose interest to himself had long ceased. It thus happened that he found himself the cynosure of the political eyes; and the cases were not few in which attempt was made to engage his services at the Prefecture. One of the most remarkable instances was that of the murder of a young girl named Marie Rogêt.

This event occurred about two years after the atrocity in the Rue Morgue. Marie, whose Christian and family name will at once arrest attention from their resemblance to those of the unfortunate "cigar-girl," was the only daughter of the widow Estelle Rogêt. The father had died during the child's infancy, and from the period of his death, until within eighteen months before the assassination which forms the subject of our narrative, the mother and daughter had dwelt together in the Rue Pavée Saint Andrée*; Madame there keeping a *pen-*

* Nassau Street.

sion, assisted by Marie. Affairs went on thus until the latter had attained her twenty-second year, when her great beauty attracted the notice of a perfumer, who occupied one of the shops in the basement of the Palais Royal, and whose custom lay, chiefly among the desperate adventurers infesting that neighborhood. Monsieur Le Blanc* was not unaware of the advantages to be derived from the attendance of the fair Marie in his perfumery; and his liberal proposals were accepted eagerly by the girl, although with somewhat more of hesitation by Madame.

The anticipations of the shopkeeper were realized, and his rooms soon became notorious through the charms of the sprightly *grisette*. She had been in his employ about a year, when her admirers were thrown into confusion by her sudden disappearance from the shop. Monsieur Le Blanc was unable to account for her absence, and Madame Rogêt was distracted with anxiety and terror. The public papers immediately took up the theme, and the police were upon the point of making serious investigations, when, one fine morning, after the lapse of a week, Marie, in good health, but with a somewhat saddened air, made her re-appearance at her usual counter in the perfumery. All inquiry, except that of a private character, was of course, immediately hushed. Monsieur Le Blanc professed total ignorance, as before.

* Anderson.

Marie, with Madame, replied to all questions, that the last week had been spent at the house of a relation in the country. Thus the affair died away, and was generally forgotten; for the girl, ostensibly to relieve herself from the impertinence of curiosity, soon bade a final adieu to the perfumer, and sought the shelter of her mother's residence in the Rue Pavée Saint Andrée.

It was about five months after this return home, that her friends were alarmed by her sudden disappearance for the second time. Three days elapsed, and nothing was heard of her. On the fourth her corpse was found floating in the Seine,* near the shore which is opposite the Quartier of the Rue Saint Andrée, and at a point not very far distant from the secluded neighborhood of the Barrière du Roule.†

The atrocity of this murder (for it was at once evident that murder had been committed), the youth and beauty of the victim, and, above all, her previous notoriety, conspired to produce intense excitement in the minds of the sensitive Parisians. I can call to mind no similar occurrence producing so general and so intense an effect. For several weeks, in the discussion of this one absorbing theme, even the momentous political topics of the day were forgotten. The Prefect made unusual exertions;

* The Hudson.

† Weehawken.

and the powers of the whole Parisian police were, of course, tasked to the utmost extent.

Upon the first discovery of the corpse, it was not supposed that the murderer would be able to elude, for more than a very brief period, the inquisition which was immediately set on foot. It was not until the expiration of a week that it was deemed necessary to offer a reward; and even then this reward was limited to a thousand francs. In the meantime the investigation proceeded with vigor, if not always with judgment, and numerous individuals were examined to no purpose; while, owing to the continual absence of all clew to the mystery, the popular excitement greatly increased. At the end of the tenth day it was thought advisable to double the sum originally proposed; and, at length, the second week having elapsed without leading to any discoveries, and the prejudice which always exists in Paris against the police having given vent to itself in several serious *émeutes*, the Prefect took it upon himself to offer the sum of twenty thousand francs "for the conviction of the assassin," or, if more than one should prove to have been implicated, "for the conviction of any one of the assassins." In the proclamation setting forth this reward, a full pardon was promised to any accomplice who should come forward in evidence against his fellow; and to the whole was appended, wherever it appeared, the private placard of a committee of citizens, offering ten thousand francs,

in addition to the amount proposed by the Prefecture. The entire reward thus stood at no less than thirty thousand francs, which will be regarded as an extraordinary sum when we consider the humble condition of the girl, and the great frequency, in large cities, of such atrocities as the one described.

No one doubted now that the mystery of this murder would be immediately brought to light. But although, in one or two instances, arrests were made which promised elucidation, yet nothing was elicited which could implicate the parties suspected; and they were discharged forthwith. Strange as it may appear, the third week from the discovery of the body had passed, and passed without any light being thrown upon the subject, before even a rumor of the events which had so agitated the public mind reached the ears of Dupin and myself. Engaged in researches which had absorbed our whole attention, it had been nearly a month since either of us had gone abroad, or received a visitor, or more than glanced at the leading political articles in one of the daily papers. The first intelligence of the murder was brought us by G——, in person. He called upon us early in the afternoon of the thirteenth of July, 18—, and remained with us until late in the night. He had been piqued by the failure of all his endeavors to ferret out the assassins. His reputation—so he said with a peculiarly Parisian air—was at stake. Even his honor was con-

cerned. The eyes of the public were upon him; and there was really no sacrifice which he would not be willing to make for the development of the mystery. He concluded a somewhat droll speech with a compliment upon what he was pleased to term the *tact* of Dupin, and made him a direct and certainly a liberal proposition, the precise nature of which I do not feel myself at liberty to disclose, but which has no bearing upon the proper subject of my narrative.

The compliment my friend rebutted as best he could, but the proposition he accepted at once, although its advantages were altogether provisional. This point being settled, the Prefect broke forth at once into explanations of his own views, interspersing them with long comments upon the evidence; of which latter we were not yet in possession. He discoursed much and, beyond doubt, learnedly; while I hazarded an occasional suggestion as the night wore drowsily away. Dupin, sitting steadily in his accustomed arm-chair, was the embodiment of respectful attention. He wore spectacles, during the whole interview; and an occasional glance beneath their green glasses sufficed to convince me that he slept not the less soundly, because silently, throughout the seven or eight leaden-footed hours which immediately preceded the departure of the Prefect.

In the morning, I procured, at the Prefecture, a full report of all the evidence elicited, and, at the various newspaper offices, a copy of

every paper in which, from first to last, had been published any decisive information in regard to this sad affair. Freed from all that was positively disproved, this mass of information stood thus:

Marie Rogêt left the residence of her mother, in the Rue Pavée St. Andrée, about nine o'clock in the morning of Sunday, June the twenty-second, 18—. In going out, she gave notice to a Monsieur Jacques St. Eustache,* and to him only, of her intention to spend the day with an aunt, who resided in the Rue des Drômes. The Rue des Drômes is a short and narrow but populous thoroughfare, not far from the banks of the river, and at a distance of some two miles, in the most direct course possible, from the *pension* of Madame Rogêt. St. Eustache was the accepted suitor of Marie, and lodged, as well as took his meals, at the *pension*. He was to have gone for his betrothed at dusk, and to have escorted her home. In the afternoon, however, it came on to rain heavily; and, supposing that she would remain all night at her aunt's (as she had done under similar circumstances before), he did not think it necessary to keep his promise. As night drew on, Madame Rogêt (who was an infirm old lady, seventy years of age) was heard to express a fear "that she should never see Marie again;"

* Payne.

but this observation attracted little attention at the time.

On Monday it was ascertained that the girl had not been to the Rue des Drômes; and when the day elapsed without tidings of her, a tardy search was instituted at several points in the city and its environs. It was not, however, until the fourth day from the period of her disappearance that any thing satisfactory was ascertained respecting her. On this day (Wednesday, the twenty-fifth of June) a Monsieur Beauvais,* who, with a friend, had been making inquiries for Marie near the Barrière du Roule, on the shore of the Seine which is opposite the Rue Pavée St. Andrée, was informed that a corpse had just been towed ashore by some fishermen, who had found it floating in the river. Upon seeing the body, Beauvais, after some hesitation, identified it as that of the perfumery-girl. His friend recognized it more promptly.

The face was suffused with dark blood, some of which issued from the mouth. No foam was seen, as in the case of the merely drowned. There was no discoloration in the cellular tissue. About the throat were bruises and impressions of fingers. The arms were bent over on the chest, and were rigid. The right hand was clenched; the left partially open. On the left wrist were two circular excoriations, ap-

* Crommelin.

parently the effect of ropes, or of a rope in more than one volution. A part of the right wrist, also, was much chafed, as well as the back throughout its extent, but more especially at the shoulder-blades. In bringing the body to the shore the fishermen had attached to it a rope, but none of the excoriations had been effected by this. The flesh of the neck was much swollen. There were no cuts apparent, or bruises which appeared the effect of blows. A piece of lace was found tied so tightly around the neck as to be hidden from sight; it was completely buried in the flesh, and was fastened by a knot which lay just under the left ear. This alone would have sufficed to produce death. The medical testimony spoke confidently of the virtuous character of the deceased. She had been subjected, it said, to brutal violence. The corpse was in such condition when found, that there could have been no difficulty in its recognition by friends.

The dress was much torn and otherwise disordered. In the outer garment, a slip, about a foot wide, had been torn upward from the bottom hem to the waist, but not torn off. It was wound three times around the waist, and secured by a sort of hitch in the back. The dress immediately beneath the frock was of fine muslin; and from this a slip eighteen inches wide had been torn entirely out—torn very evenly and with great care. It was found around her neck, fitting loosely, and secured

with a hard knot. Over this muslin slip and the slip of lace the strings of a bonnet were attached, the bonnet being appended. The knot by which the strings of the bonnet were fastened was not a lady's, but a slip or sailor's knot.

After the recognition of the corpse, it was not, as usual, taken to the Morgue (this formality being superfluous), but hastily interred not far from the spot at which it was brought ashore. Through the exertions of Beauvais, the matter was industriously hushed up, as far as possible; and several days had elapsed before any public emotion resulted. A weekly paper,* however, at length took up the theme; the corpse was disinterred, and a re-examination instituted; but nothing was elicited beyond what has been already noted. The clothes, however, were now submitted to the mother and friends of the deceased, and fully identified as those worn by the girl upon leaving home.

Meantime, the excitement increased hourly. Several individuals were arrested and discharged. St. Eustache fell especially under suspicion; and he failed, at first, to give an intelligible account of his whereabouts during the Sunday on which Marie left home. Subsequently, however, he submitted to Monsieur G——, affidavits, accounting satisfactorily for every hour of the day in question. As time passed no discovery ensued, a thousand contradictory rumors were circulated, and journalists

* The New York *Mercury*.

busied themselves in *suggestions*. Among these, the one which attracted the most notice, was the idea that Marie Rogêt still lived—that the corpse found in the Seine was that of some other unfortunate. It will be proper that I submit to the reader some passages which embody the suggestion alluded to. These passages are *literal* translations from *L'Etoile*,* a paper conducted, in general, with much ability.

"Mademoiselle Rogêt left her mother's house on Sunday morning, June the twenty-second, 18—, with the ostensible purpose of going to see her aunt, or some other connection, in the Rue des Drômes. From that hour, nobody is proved to have seen her. There is no trace or tidings of her at all. * * * There has no person, whatever, come forward, so far, who saw her at all, on that day, after she left her mother's door. * * * Now, though we have no evidence that Marie Rogêt was in the land of the living after nine o'clock on Sunday, June the twenty-second, we have proof that, up to that hour, she was alive. On Wednesday noon, at twelve, a female body was discovered afloat on the shore of the Barrière du Roule. This was, even if we presume that Marie Rogêt was thrown into the river within three hours after she left her mother's house, only three days from the time she left her home—three days to an hour. But it is folly to suppose that the

* The New York *Brother Jonathan*, edited by H. Hastings Weld, Esq.

murder, if murder was committed on her body, could have been consummated soon enough to have enabled her murderers to throw the body into the river before midnight. Those who are guilty of such horrid crimes choose darkness rather than light. * * * Thus we see that if the body found in the river *was* that of Marie Rogêt, it could only have been in the water two and a half days, or three at the outside. All experience has shown that drowned bodies, or bodies thrown into the water immediately after death by violence, require from six to ten days for sufficient decomposition to take place to bring them to the top of the water. Even where a cannon is fired over a corpse, and it rises before at least five or six days' immersion, it sinks again, if left alone. Now, we ask, what was there in this case to cause a departure from the ordinary course of nature? * * * If the body had been kept in its mangled state on shore until Tuesday night, some trace would be found on shore of the murderers. It is a doubtful point, also, whether the body would be so soon afloat, even were it thrown in after having been dead two days. And, furthermore, it is exceedingly improbable that any villains who had committed such a murder as is here supposed, would have thrown the body in without weight to sink it, when such a precaution could have so easily been taken."

The editor here proceeds to argue that the

body must have been in the water "not three days merely, but, at least, five times three days," because it was so far decomposed that Beauvais had great difficulty in recognizing it. This latter point, however, was fully disproved. I continue the translation:

"What, then, are the facts on which M. Beauvais says that he has no doubt the body was that of Marie Rogêt? He ripped up the gown sleeve, and says he found marks which satisfied him of the identity. The public generally supposed those marks to have consisted of some description of scars. He rubbed the arm and found *hair* upon it—something as indefinite, we think, as can readily be imagined—as little conclusive as finding an arm in the sleeve. M. Beauvais did not return that night, but sent word to Madame Rogêt, at seven o'clock, on Wednesday evening, that an investigation was still in progress respecting her daughter. If we allow that Madame Rogêt, from her age and grief, could not go over (which is allowing a great deal), there certainly must have been some one who would have thought it worth while to go over and attend the investigation, if they thought the body was that of Marie. Nobody went over. There was nothing said or heard about the matter in the Rue Pavée St. Andrée, that reached even the occupants of the same building. M. St. Eustache, the lover and intended husband of

Marie, who boarded in her mother's house, deposes that he did not hear of the discovery of the body of his intended until the next morning, when M. Beauvais came into his chamber and told him of it. For an item of news like this, it strikes us it was very coolly received."

In this way the journal endeavored to create the impression of an apathy on the part of the relatives of Marie, inconsistent with the supposition that these relatives believed the corpse to be hers. Its insinuations amount to this: that Marie, with the connivance of her friends, had absented herself from the city for reasons involving a charge against her chastity; and that these friends upon the discovery of a corpse in the Seine, somewhat resembling that of the girl, had availed themselves of the opportunity to impress the public with the belief of her death. But *L'Etoile* was again over-hasty. It was distinctly proved that no apathy, such as was imagined, existed; that the old lady was exceedingly feeble, and so agitated as to be unable to attend to any duty; that St. Eustache, so far from receiving the news coolly, was distracted with grief, and bore himself so frantically, that M. Beauvais prevailed upon a friend and relative to take charge of him, and prevent his attending the examination at the disinterment. Moreover, although it was stated by *L'Etoile*, that the corpse was re-interred at the public expense, that an advan-

tageous offer of private sepulture was absolutely declined by the family, and that no member of the family attended the ceremonial; —although, I say, all this was asserted by *L'Etoile* in furtherance of the impression it designed to convey—yet *all* this was satisfactorily disproved. In a subsequent number of the paper, an attempt was made to throw suspicion upon Beauvais himself. The editor says:

"Now, then, a change comes over the matter. We are told that, on one occasion, while a Madame B—— was at Madame Rogêt's house, M. Beauvais, who was going out, told her that a *gendarme* was expected there, and that she, Madame B., must not say any thing to the *gendarme* until he returned, but let the matter be for him. * * * In the present posture of affairs, M. Beauvais appears to have the whole matter locked up in his head. A single step cannot be taken without M. Beauvais, for, go which way you will, you run against him. * * * For some reason he determined that nobody shall have any thing to do with the proceedings but himself, and he has elbowed the male relatives out of the way, according to their representations, in a very singular manner. He seems to have been very much averse to permitting the relatives to see the body."

By the following fact, some color was given to the suspicion thus thrown upon Beauvais.

A visitor at his office, a few days prior to the girl's disappearance, and during the absence of its occupant, had observed *a rose* in the keyhole of the door, and the name "*Marie*" inscribed upon a slate which hung near at hand.

The general impression, so far as we were enabled to glean it from the newspapers, seemed to be, that Marie had been the victim of *a gang* of desperadoes — that by these she had been borne across the river, maltreated, and murdered. *Le Commerciel*,* however, a print of extensive influence, was earnest in combating this popular idea. I quote a passage or two from its columns:

"We are persuaded that pursuit has hitherto been on a false scent, so far as it has been directed to the Barrière du Roule. It is impossible that a person so well known to thousands as this young woman was, should have passed three blocks without some one having seen her; and any one who saw her would have remembered it, for she interested all who knew her. It was when the streets were full of people, when she went out. * * * It is impossible that she could have gone to the Barrière du Roule, or to the Rue des Drômes, without being recognized by a dozen persons: yet no one has come forward who saw her outside her mother's door, and there is no evidence, except the testimony concerning her *expressed in-*

* New York *Journal of Commerce*.

tentions, that she did go out at all. Her gown was torn, bound round her, and tied; and by that the body was carried as a bundle. If the murder had been committed at the Barrière du Roule, there would have been no necessity for any such arrangement. The fact that the body was found floating near the Barrière, is no proof as to where it was thrown into the water. * * * A piece of one of the unfortunate girl's petticoats, two feet long and one foot wide, was torn out and tied under her chin around the back of her head, probably to prevent screams. This was done by fellows who had no pocket-handkerchief."

A day or two before the Prèfect called upon us, however, some important information reached the police, which seemed to overthrow, at least, the chief portion of *Le Commerciel's* argument. Two small boys, sons of a Madame Deluc, while roaming among the woods near the Barrière du Roule, chanced to penetrate a close thicket, within which were three or four large stones, forming a kind of seat with a back and footstool. On the upper stone lay a white petticoat; on the second, a silk scarf. A parasol, gloves, and a pocket-handkerchief were also here found. The handkerchief bore the name "Marie Rogêt." Fragments of dress were discovered on the brambles around. The earth was trampled, the bushes were broken, and there was every evidence of a struggle.

Between the thicket and the river, the fences were found taken down, and the ground bore evidence of some heavy burthen having been dragged along it.

A weekly paper, *Le Soleil*,* had the following comments upon this discovery—comments which merely echoed the sentiment of the whole Parisian press:

"The things had all evidently been there at least three or four weeks; they were all mildewed down hard with the action of the rain, and stuck together from mildew. The grass had grown around and over some of them. The silk on the parasol was strong, but the threads of it were run together within. The upper part, where it had been doubled and folded, was all mildewed and rotten, and tore on its being opened. * * * The pieces of her frock torn out by the bushes were about three inches wide and six inches long. One part was the hem of the frock, and it had been mended; the other piece was part of the skirt, not the hem. They looked like strips torn off, and were on the thorn bush, about a foot from the ground. * * * There can be no doubt, therefore, that the spot of this appalling outrage has been discovered."

Consequent upon this discovery, new evidence appeared. Madame Deluc testified that

* Philadelphia *Saturday Evening Post*, edited by C. J. Peterson, Esq.

she keeps a roadside inn not far from the bank of the river, opposite the Barrière du Roule. The neighborhood is secluded—particularly so. It is the usual Sunday resort of blackguards from the city, who cross the river in boats. About three o'clock, in the afternoon of the Sunday in question, a young girl arrived at the inn, accompanied by a young man of dark complexion. The two remained here for some time. On their departure, they took the road to some thick woods in the vicinity. Madame Deluc's attention was called to the dress worn by the girl, on account of its resemblance to one worn by a deceased relative. A scarf was particularly noticed. Soon after the departure of the couple, a gang of miscreants made their appearance, behaved boisterously, ate and drank without making payment, followed in the route of the young man and girl, returned to the inn about dusk, and re-crossed the river as if in great haste.

It was soon after dark, upon this same evening, that Madame Deluc, as well as her eldest son, heard the screams of a female in the vicinity of the inn. The screams were violent but brief. Madame D. recognized not only the scarf which was found in the thicket, but the dress which was discovered upon the corpse. An omnibus driver, Valence,* now also testified that he saw Marie Rogêt cross a ferry on the Seine, on the Sunday in question, in company

* Adam.

with a young man of dark complexion. He, Valence, knew Marie, and could not be mistaken in her identity. The articles found in the thicket were fully identified by the relatives of Marie.

The items of evidence and information thus collected by myself, from the newspapers, at the suggestion of Dupin, embraced only one more point—but this was a point of seemingly vast consequence. It appears that, immediately after the discovery of the clothes as above described, the lifeless or nearly lifeless body of St. Eustache, Marie's betrothed, was found in the vicinity of what all now supposed the scene of the outrage. A phial labelled "laudanum," and emptied, was found near him. His breath gave evidence of the poison. He died without speaking. Upon his person was found a letter, briefly stating his love for Marie, with his design of self-destruction.

"I need scarcely tell you," said Dupin, as he finished the perusal of my notes, "that this is a far more intricate case than that of the Rue Morgue; from which it differs in one important respect. This is an *ordinary*, although an atrocious, instance of crime. There is nothing peculiarly *outré* about it. You will observe that, for this reason, the mystery has been considered easy, when, for this reason, it should have been considered difficult, of solution. Thus, at first, it was thought unnecessary to offer a reward. The myrmidons of G—— were able at once to

comprehend how and why such an atrocity *might have been* committed. They could picture to their imaginations a mode—many modes,— and a motive—many motives; and because it was not impossible that either of these numerous modes and motives *could* have been the actual one, they have taken it for granted that one of them *must*. But the ease with which these variable fancies were entertained, and the very plausibility which each assumed, should have been understood as indicative rather of the difficulties than of the facilities which must attend elucidation. I have, therefore observed that it is by prominences above the plane of the ordinary, that reason feels her way, if at all, in her search for the true, and that the proper question in cases such as this, is not so much 'what has occurred?' as 'what has occurred that has never occurred before?' In the investigations at the house of Madame L'Espanaye,* the agents of G—— were discouraged and confounded by that very *unusualness* which, to a properly regulated intellect, would have afforded the surest omen of success; while this same intellect might have been plunged in despair at the ordinary character of all that met the eye in the case of the perfumery-girl, and yet told of nothing but easy triumph to the functionaries of the Prefecture.

"In the case of Madame L'Espanaye and her daughter, there was, even at the beginning

* See "Murders in the Rue Morgue."

of our investigation, no doubt that murder had been committed. The idea of suicide was excluded at once. Here, too, we are freed, at the commencement, from all supposition of self-murder. The body found at the Barrière du Roule was found under such circumstances as to leave us no room for embarrassment upon this important point. But it has been suggested that the corpse discovered is not that of the Marie Rogêt for the conviction of whose assassin, or assassins, the reward is offered, and respecting whom, solely, our agreement has been arranged with the Prefect. We both know this gentleman well. It will not do to trust him too far. If, dating our inquiries from the body found, and then tracing a murderer, we yet discover this body to be that of some other individual than Marie; or if, starting from the living Marie, we find her, yet find her unassassinated—in either case we lose our labor; since it is Monsieur G—— with whom we have to deal. For our own purpose, therefore, if not for the purpose of justice, it is indispensable that our first step should be the determination of the identity of the corpse with the Marie Rogêt who is missing.

"With the public the arguments of *L'Etoile* have had weight; and that the journal itself is convinced of their importance would appear from the manner in which it commences one of its essays upon the subject. 'Several of the morning papers of the day,' it says, 'speak of

the *conclusive* article in Monday's *Etoile.*' To me, this article appears conclusive of little beyond the zeal of its inditer. We should bear in mind that, in general, it is the object of our newspapers rather to create a sensation—to make a point—than to further the cause of truth. The latter end is only pursued when it seems coincident with the former. The print which merely falls in with ordinary opinion (however well founded this opinion may be) earns for itself no credit with the mob. The mass of the people regard as profound only him who suggests *pungent contradictions* of the general idea. In ratiocination, not less than in literature, it is the *epigram* which is the most immediately and the most universally appreciated. In both, it is of the lowest order of merit.

"What I mean to say is, that it is the mingled epigram and melodrame of the idea, that Marie Rogêt still lives, rather than any true plausibility in this idea, which have suggested it to *L'Etoile,* and secured it a favorable reception with the public. Let us examine the heads of this journal's argument; endeavoring to avoid the incoherence with which it is originally set forth.

"The first aim of the writer is to show, from the brevity of the interval between Marie's disappearance and the finding of the floating corpse, that this corpse cannot be that of Marie. The reduction of this interval to its smallest

possible dimension, becomes thus, at once, an object with the reasoner. In the rash pursuit of this object, he rushes into mere assumption at the outset. 'It is folly to suppose,' he says, 'that the murder, if murder was committed on her body, could have been consummated soon enough to have enabled her murderers to throw the body into the river before midnight.' We demand at once, and very naturally, *why?* Why is it folly to suppose that the murder was committed *within five minutes* after the girl's quitting her mother's house? Why is it folly to suppose that the murder was committed at any given period of the day? There have been assassinations at all hours. But, had the murder taken place at any moment between nine o'clock in the morning of Sunday and a quarter before midnight, there would still have been time enough 'to throw the body into the river before midnight.' This assumption, then, amounts precisely to this—that the murder was not committed on Sunday at all—and, if we allow *L'Etoile* to assume this, we may permit it any liberties whatever. The paragraph beginning 'It is folly to suppose that the murder, etc.' however it appears as printed in *L'Etoile,* may be imagined to have existed actually *thus* in the brain of its inditer: 'It is folly to suppose that the murder, if murder was committed on the body, could have been committed soon enough to have enabled her murderers to throw the body into the river before midnight; it is

folly, we say, to suppose all this, and to suppose at the same time, (as we are resolved to suppose), that the body was *not* thrown in until *after* midnight'—a sentence sufficiently inconsequential in itself, but not so utterly preposterous as the one printed.

"Were it my purpose," continued Dupin, "merely to *make out a case* against this passage of *L'Etoile's* argument, I might safely leave it where it is. It is not, however, with *L'Etoile* that we have to do, but with the truth. The sentence in question has but one meaning, as it stands; and this meaning I have fairly stated; but it is material that we go behind the mere words, for an idea which these words have obviously intended, and failed to convey. It was the design of the journalists to say that at whatever period of the day or night of Sunday this murder was committed, it was improbable that the assassins would have ventured to bear the corpse to the river before midnight. And herein lies, really, the assumption of which I complain. It is assumed that the murder was committed at such a position, and under such circumstances, that *the bearing it* to the river became necessary. Now, the assassination might have taken place upon the river's brink, or on the river itself; and, thus, the throwing the corpse in the water might have been resorted to at any period of the day or night, as the most obvious and most immediate mode of disposal. You will understand that I suggest

nothing here as probable, or as coïncident with my own opinion. My design, so far, has no reference to the *facts* of the case. I wish merely to caution you against the whole tone of *L'Etoile's suggestion*, by calling your attention to its *ex-parte* character at the outset.

"Having prescribed thus a limit to suit its own preconceived notions; having assumed that, if this were the body of Marie, it could have been in the water but a very brief time, tho journal goes on to say:

"'All experience has shown that drowned bodies, or bodies thrown into the water immediately after death by violence, require from six to ten days for sufficient decomposition to take place to bring them to the top of the water. Even when a cannon is fired over a corpse, and it rises before at least five or six days' immersion, it sinks again if let alone.'

"These assertions have been tacitly received by every paper in Paris, with the exception of *Le Moniteur*.* This latter print endeavors to combat that portion of the paragraph which has reference to 'drowned bodies' only, by citing some five or six instances in which the bodies of individuals known to be drowned were found floating after the lapse of less time than is insisted upon by *L'Etoile*. But there is some-

* The New York *Commercial Advertiser*, edited by Colonel Stone.

thing excessively unphilosophical in the attempt, on the part of *Le Moniteur*, to rebut the general assertion of *L'Etoile,* by a citation of particular instances militating against that assertion. Had it been possible to adduce fifty instead of five examples of bodies found floating at the end of two or three days, these fifty examples could still have been properly regarded only as exceptions to *L'Etoile's* rule, until such time as the rule itself should be confuted. Admitting the rule, (and this *Le Moniteur* does not deny, insisting merely upon its exceptions,) the argument of *L'Etoile* is suffered to remain in full force; for this argument does not pretend to involve more than a question of the *probability* of the body having risen to the surface in less than three days; and this probability will be in favor of *L'Etoile's* position until the instances so childishly adduced shall be sufficient in number to establish an antagonistical rule.

"You will see at once that all argument upon this head should be urged, if at all, against the rule itself; and for this end we must examine the *rationale* of the rule. Now the human body, in general, is neither much lighter nor much heavier than the water of the Seine; that is to say, the specific gravity of the human body, in its natural condition, is about equal to the bulk of fresh water which it displaces. The bodies of fat and fleshy persons, with small bones, and of women generally, are lighter than

those of the lean and large-boned, and of men; and the specific gravity of the water of a river is somewhat influenced by the presence of the tide from the sea. But, leaving this tide out of the question, it may be said that *very* few human bodies will sink at all, even in fresh water, *of their own accord*. Almost any one, falling into a river, will be enabled to float, if he suffer the specific gravity of the water fairly to be adduced in comparison with his own—that is to say, if he suffer his whole person to be immersed, with as little exception as possible. The proper position for one who cannot swim, is the upright position of the walker on land, with the head thrown fully back, and immersed; the mouth and nostrils alone remaining about the surface. Thus circumstanced, we shall find that we float without difficulty and without exertion. It is evident, however, that the gravities of the body, and of the bulk of water displaced, are very nicely balanced, and that a trifle will cause either to preponderate. An arm, for instance, uplifted from the water, and thus deprived of its support, is an additional weight sufficient to immerse the whole head, while the accidental aid of the smallest piece of timber will enable us to elevate the head so as to look about. Now, in the struggles of one unused to swimming, the arms are invariably thrown upward, while an attempt is made to keep the head in its usual perpendicular position. The result is the immersion of the mouth and nostrils, and the

inception, during efforts to breathe while beneath the surface of water into the lungs. Much is also received into the stomach, and the whole body becomes heavier by the difference between the weight of the air originally distending these cavities, and that of the fluid which now fills them. This difference is sufficient to cause the body to sink, as a general rule; but is insufficient in the case of individuals with small bones and an abnormal quantity of flaccid or fatty matter. Such individuals float even after drowning.

"The corpse, being supposed at the bottom of the river, will there remain until, by some means, its specific gravity again becomes less than that of the bulk of water which it displaces. This effect is brought about by decomposition, or otherwise. The result of decomposition is the generation of gas, distending the cellular tissues and all the cavities, and giving the *puffed* appearance which is so horrible. When this distension has so far progressed that the bulk of the corpse is materially increased without a corresponding increase of *mass* or weight, its specific gravity becomes less than that of the water displaced, and it forthwith makes its appearance at the surface. But decomposition is modified by innumerable circumstances—is hastened or retarded by innumerable agencies; for example, by the heat or cold of the season, by the mineral impregnation or purity of the water, by its depth or shallow-

ness, by its currency or stagnation, by the temperament of the body, by its infection or freedom from disease before death. Thus it is evident that we can assign no period, with any thing like accuracy, at which the corpse shall rise through decomposition. Under certain conditions this result would be brought about within an hour; under others it might not take place at all. There are chemical infusions by which the animal frame can be preserved *forever* from corruption; the bi-chloride of mercury is one. But, apart from decomposition, there may be, and very usually is, a generation of gas within the stomach, from the acetous fermentation of vegetable matter (or within other cavities from other causes), sufficient to induce a distension which will bring the body to the surface. The effect produced by the firing of a cannon is that of simple vibration. This may either loosen the corpse from the soft mud or ooze in which it is imbedded, thus permitting it to rise when other agencies have already prepared it for so doing; or it may overcome the tenacity of some putrescent portions of the cellular tissue, allowing the cavities to distend under the influence of the gas.

"Having thus before us the whole philosophy of this subject, we can easily test by it the assertions of *L'Etoile*. 'All experience shows,' says this paper, 'that drowned bodies, or bodies thrown into the water immediately after death by violence, require from six to ten days for suf-

ficient decomposition to take place to bring them to the top of the water. Even when a cannon is fired over a corpse, and it rises before at least five or six days' immersion, it sinks again if let alone.'

"The whole of this paragraph must now appear a tissue of inconsequence and incoherence. All experience does *not* show that 'drowned bodies' *require* from six to ten days for sufficient decomposition to take place to bring them to the surface. Both science and experience show that the period of their rising is, and necessarily must be, indeterminate. If, moreover, a body has risen to the surface through firing of cannon, it will *not* 'sink again if let alone,' until decomposition has so far progressed as to permit the escape of the generated gas. But I wish to call your attention to the distinction which is made between 'drowned bodies,' and 'bodies thrown into the water immediately after death by violence.' Although the writer admits the distinction, he yet includes them all in the same category. I have shown how it is that the body of a drowning man becomes specifically heavier than its bulk of water, and that he would not sink at all, except for the struggle by which he elevates his arms above the surface, and his gasps for breath while beneath the surface—gasps which supply by water the place of the original air in the lungs. But these struggles and these gasps would not occur in the body 'thrown into the

water immediately after death by violence.' Thus, in the latter instance, *the body, as a general rule, would not sink at all*—a fact of which *L'Etoile* is evidently ignorant. When decomposition had proceeded to a very great extent—when the flesh had in a great measure left the bones—then, indeed, but not *till* then, should we lose sight of the corpse.

"And now what are we to make of the argument, that the body found could not be that of Marie Rogêt, because, three days only having elapsed, this body was found floating? If drowned, being a woman, she might never have sunk; or, having sunk, might have re-appeared in twenty-four hours or less. But no one supposes her to have been drowned; and, dying before being thrown into the river, she might have been found floating at any period afterward whatever.

"'But,' says *L'Etoile*, 'if the body had been kept in its mangled state on shore until Tuesday night, some trace would be found on shore of the murderers.' Here it is at first difficult to perceive the intention of the reasoner. He means to anticipate what he imagines would be an objection to his theory—viz.: that the body was kept on shore two days, suffering rapid decomposition—*more* rapid than if immersed in water. He supposes that, had this been the case, it *might* have appeared at the surface on the Wednesday, and thinks that *only* under such circumstances it could have so appeared.

He is accordingly in haste to show that it *was not* kept on shore; for, if so, 'some trace would be found on shore of the murderers.' I presume you smile at the *sequitur*. You cannot be made to see how the mere *duration* of the corpse on the shore could operate to *multiply traces* of the assassins. Nor can I.

"'And furthermore it is exceedingly improbable,' continues our journal, 'that any villains who had committed such a murder as is here supposed, would have thrown the body in without weight to sink it, when such a precaution could have so easily been taken.' Observe, here, the laughable confusion of thought! No one —not even *L'Etoile*—disputes the murder committed *on the body found*. The marks of violence are too obvious. It is our reasoner's object merely to show that this body is not Marie's. He wishes to prove that *Marie* is not assassinated—not that the corpse was not. Yet his observation proves only the latter point. Here is a corpse without weight attached. Murderers, casting it in, would not have failed to attach a weight. Therefore it was not thrown in by murderers. This is all which is proved, if any thing is. The question of identity is not even approached, and *L'Etoile* has been at great pains merely to gainsay now what it has admitted only a moment before. 'We are perfectly convinced,' it says, 'that the body found was that of a murdered female.'

"Nor is this the sole instance, even in this

division of his subject, where our reasoner unwittingly reasons against himself. His evident object, I have already said, is to reduce, as much as possible, the interval between Marie's disappearance and the finding of the corpse. Yet we find him *urging* the point that no person saw the girl from the moment of her leaving her mother's house. 'We have no evidence,' he says, 'that Marie Rogêt, was in the land of the living after nine o'clock on Sunday, June the twenty-second.' As his argument is obviously an *ex-parte* one, he should, at least, have left this matter out of sight; for had any one been known to see Marie, say on Monday, or on Tuesday, the interval in question would have been much reduced, and, by his own ratiocination, the probability much diminished of the corpse being that of the *grisette*. It is, nevertheless, amusing to observe that *L'Etoile* insists upon its point in the full belief of its furthering its general argument.

"Re-peruse now that portion of this argument which has reference to the identification of the corpse by Beauvais. In regard to the *hair* upon the arm, *L'Etoile* has been obviously disingenious. M. Beauvais, not being an idiot, could never have urged in identification of the corpse, simply *hair upon its arm*. No arm is *without* hair. The *generality* of the expression of *L'Etoile* is a mere perversion of the witness' phrascology. He must have spoken of some *peculiarity* in this hair. It must have been a pe-

culiarity of color, of quantity, of length, or of situation.

"'Her foot,' says the journal, 'was small—so are thousands of feet. Her garter is no proof whatever—nor is her shoe—for shoes and garters are sold in packages. The same may be said of the flowers in her hat. One thing upon which M. Beauvais strongly insists is, that the clasp on the garter found had been set back to take it in. This amounts to nothing; for most women find it proper to take a pair of garters home and fit them to the size of the limbs they are to encircle, rather than to try them in the store where they purchase.' Here it is difficult to suppose the reasoner in earnest. Had M. Beauvais, in his search for the body of Marie, discovered a corpse corresponding in general size and appearance to the missing girl, he would have been warranted (without reference to the question of habiliment at all) in forming an opinion that his search had been successful. If, in addition to the point of general size and contour, he had found upon the arm a peculiar hairy appearance which he had observed upon the living Marie, his opinion might have been justly strengthened; and the increase of positiveness might well have been in the ratio of the peculiarity, or unusualness, of the hairy mark. If, the feet of Marie being small, those of the corpse were also small, the increase of probability that the body was that of Marie would not be an increase in a ratio merely arith-

metical, but in one highly geometrical, or accumulative. Add to all this shoes such as she had been known to wear upon the day of her disappearance, and, although these shoes may be 'sold in packages,' you so far augment the probability as to verge upon the certain. What, of itself, would be no evidence of identity, becomes through its corroborative position, proof most sure. Give us, then, flowers in the hat corresponding to those worn by the missing girl, and we seek for nothing further. If only *one* flower, we seek for nothing further—what then if two or three, or more? Each successive one is multiple evidence—proof not *added* to proof, but *multiplied* by hundreds or thousands. Let us now discover, upon the deceased, garters such as the living used, and it is almost folly to proceed. But these garters are found to be tightened, by the setting back of a clasp, in just such a manner as her own had been tightened by Marie shortly previous to her leaving home. It is now madness or hypocrisy to doubt. What *L'Etoile* says in respect to this abbreviation of the garters being an unusual occurrence, shows nothing beyond its own pertinacity in error. The elastic nature of the clasp-garter is self-demonstration of the *unusualness* of the abbreviation. What is made to adjust itself, must of necessity require foreign adjustment but rarely. It must have been by an accident, in its strictest sense, that these garters of Marie needed the tightening described. They alone

would have amply established her identity. But it is not that the corpse was found to have the garters of the missing girl, or found to have her shoes, or her bonnet, or the flowers of her bonnet, or her feet, or a peculiar mark upon the arm, or her general size and appearance—it is that the corpse had each, and *all collectively*. Could it be proved that the editor of *L'Etoile really* entertained a doubt, under the circumstances, there would be no need, in his case, of a commission *de lunatico inquirendo*. He has thought it sagacious to echo the small talk of the lawyers, who, for the most part, content themselves with echoing the rectangular precepts of the courts. I would here observe that very much of what is rejected as evidence by a court, is the best of evidence to the intellect. For the court, guided itself by the general principles of evidence—the recognized and *booked* principles—is averse from swerving at particular instances. And this steadfast adherence to principle, with rigorous disregard of the conflicting exception, is a sure mode of attaining the *maximum* of attainable truth, in any long sequence of time. The practice, *in mass*, is therefore philosophical; but it is not the less certain that it engenders vast individual error.*

* "A theory based on the qualities of an object, will prevent its being unfolded according to its objects; and he who arranges topics in reference to their causes, will cease to value them according to their results. Thus the jurisprudence of every nation will show that, when law becomes a science and a system, it ceases to be justice. The errors into which a blind devotion to *principles* of classification has led the common

"In respect to the insinuations levelled at Beauvais, you will be willing to dismiss them in a breath. You have already fathomed the true character of this good gentleman. He is a *busybody*, with much of romance and little of wit. Any one so constituted will readily so conduct himself, upon occasion of *real* excitement, as to render himself liable to suspicion on the part of the over-acute, or the ill-disposed. M. Beauvais (as it appears from your notes) had some personal interviews with the editor of *L'Etoile*, and offended him by venturing an opinion that the corpse, notwithstanding the theory of the editor, was, in sober fact, that of Marie. 'He persists,' says the paper, 'in asserting the corpse to be that of Marie, but cannot give a circumstance, in addition to those which we have commented upon, to make others believe.' Now, without re-adverting to the fact that stronger evidence 'to make others believe,' could *never* have been adduced, it may be remarked that a man may very well be understood to believe, in a case of this kind, without the ability to advance a single reason for the belief of a second party. Nothing is more vague than impressions of individual identity. Each man recognizes his neighbor, yet there are few instances in which any one is prepared *to give a reason* for his recognition. The editor

law, will be seen by observing how often the legislature has been obliged to come forward to restore the equity its scheme had lost."—*Landor.*

of *L'Etoile* had no right to be offended at M. Beauvais's unreasoning belief.

"The suspicious circumstances which invest him, will be found to tally much better with my hypothesis of *romantic busy-bodyism,* than with the reasoner's suggestion of guilt. Once adopting the more charitable interpretation, we shall find no difficulty in comprehending the rose in the key-hole; the 'Marie' upon the slate; the 'elbowing the male relatives out of the way;' the 'aversion to permitting them to see the body;' the caution given to Madame B——, that she must hold no conversation with the *gendarme* until his (Beauvais') return; and, lastly, his apparent determination 'that nobody should have any thing to do with the proceedings except himself. It seems to me unquestionable that Beauvais was a suitor of Marie's; that she coquetted with him; and that he was ambitious of being thought to enjoy her fullest intimacy and confidence. I shall say nothing more upon this point; and, as the evidence fully rebuts the assertion of *L'Etoile,* touching the matter of *apathy* on the part of the mother and other relatives—an apathy inconsistent with the supposition of their believing the corpse to be that of the perfumery girl—we shall now proceed as if the question of *identity* were settled to our perfect satisfaction."

"And what," I here demanded, "do you think of the opinions of *Le Commerciel?*"

"That, in spirit, they are far more worthy

of attention than any which have been promulgated upon the subject. The deductions from the premises are philosophical and acute; but the premises, in two instances, at least, are founded in imperfect observation. *Le Commerciel* wishes to intimate that Marie was seized by some gang of low ruffians not far from her mother's door. 'It is impossible,' it urges, 'that a person so well known to thousands as this young woman was, should have passed three blocks without some one having seen her.' This is the idea of a man long resident in Paris—a public man—and one whose walks to and fro in the city have been mostly limited to the vicinity of the public offices. He is aware that he seldom passes so far as a dozen blocks from his own *bureau*, without being recognized and accosted. And, knowing the extent of his personal acquaintance with others, and of others with him, he compares his notoriety with that of the perfumery-girl, finds no great difference between them, and reaches at once the conclusion that she, in her walks, would be equally liable to recognition with himself in his. This could only be the case were her walks of the same unvarying, methodical character, and within the same *species* of limited region as are his own. He passes to and fro, at regular intervals, within a confined periphery, abounding in individuals who are led to observation of his person through interest in the kindred nature of his occupation with their own. But

the walks of Marie may, in general, be supposed discursive. In this particular instance, it will be understood as most probable, that she proceeded upon a route of more than average diversity from her accustomed ones. The parallel which we imagine to have existed in the mind of *Le Commerciel* would only be sustained in the event of the two individuals traversing the whole city. In this case, granting the personal acquaintances to be equal, the chances would be also equal that an equal number of personal rencontres would be made. For my own part, I should hold it not only as possible, but as far more than probable, that Marie might have proceeded, at any given period, by any one of the many routes between her own residence and that of her aunt, without meeting a single individual whom she knew, or by whom she was known. In viewing this question in its full and proper light, we must hold steadily in mind the great disproportion between the personal acquaintances of even the most noted individual in Paris, and the entire population of Paris itself.

"But whatever force there may still appear to be in the suggestion of *Le Commerciel*, will be much diminished when we take into consideration *the hour* at which the girl went abroad. 'It was when the streets were full of people,' says *Le Commerciel*, 'that she went out.' But not so. It was at nine o'clock in the morning. Now at nine o'clock of every morning in the

week, *with the exception of Sunday*, the streets of the city are, it is true, thronged with people. At nine on Sunday, the populace are chiefly within doors *preparing for church*. No observing person can have failed to notice the peculiarly deserted air of the town, from about eight until ten on the morning of every Sabbath. Between ten and eleven the streets are thronged, but not at so early a period as that designated.

"There is another point at which there seems a deficiency of *observation* on the part of *Le Commerciel*. 'A piece,' it says, 'of one of the unfortunate girl's petticoats, two feet long, and one foot wide, was torn out and tied under her chin, and around the back of her head, probably to prevent screams. This was done by fellows who had no pocket-handkerchiefs.' Whether this idea is or is not well founded, we will endeavor to see hereafter; but by 'fellows who have no pocket-handkerchiefs,' the editor intends the lowest class of ruffians. These, however, are the very description of people who will always be found to have handkerchiefs even when destitute of shirts. You must have had occasion to observe how absolutely indispensable, of late years, to the thorough blackguard, has become the pocket-handkerchief."

"And what are we to think," I asked, "of the article in *Le Soleil*?"

"That it is a vast pity its inditer was not born a parrot—in which case he would have

been the most illustrious parrot of his race. He has merely repeated the individual items of the already published opinion; collecting them, with a laudable industry, from this paper and from that. 'The things had all *evidently* been there,' he says, 'at least three or four weeks, and there can be *no doubt* that the spot of this appalling outrage has been discovered.' The facts here re-stated by *Le Soleil,* are very far indeed from removing my own doubts upon this subject, and we will examine them more particularly hereafter in connection with another division of the theme.

"At present we must occupy ourselves with other investigations. You cannot fail to have remarked the extreme laxity of the examination of the corpse. To be sure, the question of identity was readily determined, or should have been; but there were other points to be ascertained. Had the body been in any respect *despoiled?* Had the deceased any articles of jewelry about her person upon leaving home? if so, had she any when found? These are important questions utterly untouched by the evidence; and there are others of equal moment, which have met with no attention. We must endeavor to satisfy ourselves by personal inquiry. The case of St. Eustache must be re-examined. I have no suspicion of this person; but let us proceed methodically. We will ascertain beyond a doubt the validity of the *affidavits* in regard to his whereabouts on the Sunday. Affi-

davits of this character are readily made matter of mystification. Should there be nothing wrong here, however, we will dismiss St. Eustache from our investigations. His suicide, however, corroborative of suspicion, were there found to be deceit in the affidavits, is, without such deceit, in no respect an unaccountable circumstance, or one which need cause us to deflect from the line of ordinary analysis.

"In that which I now propose, we will discard the interior points of this tragedy, and concentrate our attention upon its outskirts. Not the least usual error in investigations such as this is the limiting of inquiry to the immediate, with total disregard of the collateral or circumstantial events. It is the malpractice of the courts to confine evidence and discussion to the bounds of apparent relevancy. Yet experience has shown, and a true philosophy will always show, that a vast, perhaps the larger, portion of truth arises from the seemingly irrelevant. It is through the spirit of this principle, if not precisely through its letter, that modern science has resolved to *calculate upon the unforeseen*. But perhaps you do not comprehend me. The history of human knowledge has so uninterruptedly shown that to collateral, or incidental, or accidental events we are indebted for the most numerous and most valuable discoveries, that it has at length become necessary, in prospective view of improvement, to make not only large, but the largest, allowances for inven-

tions that shall arise by chance, and quite out of the range of ordinary expectation. It is no longer philosophical to base upon what has been a vision of what is to be. *Accident* is admitted as a portion of the substructure. We make chance a matter of absolute calculation. We subject the unlooked for and unimagined to the mathematical *formulæ* of the schools.

"I repeat that it is no more than fact that the *larger* portion of all truth has sprung from the collateral; and it is but in accordance with the spirit of the principle involved in this fact that I would divert inquiry, in the present case, from the trodden and hitherto unfruitful ground of the event itself to the cotemporary circumstances which surround it. While you ascertain the validity of the affidavits, I will examine the newspapers more generally than you have as yet done. So far, we have only reconnoitred the field of investigation; but it will be strange, indeed, if a comprehensive survey, such as I propose, of the public prints will not afford us some minute points which shall establish a *direction* for inquiry."

In pursuance of Dupin's suggestion, I made scrupulous examination of the affair of the affidavits. The result was a firm conviction of their validity, and of the consequent innocence of St. Eustache. In the meantime my friend occupied himself, with what seemed to me a minuteness altogether objectless, in a scrutiny of the various newspaper files. At the end of

a week he placed before me the following extracts:

"About three years and a half ago, a disturbance very similar to the present was caused by the disappearance of this same Marie Rogêt from the *parfumerie* of Monsieur Le Blanc, in the Palais Royal. At the end of a week, however, she re-appeared at her customary *comptoir*, as well as ever, with the exception of a slight paleness not altogether usual. It was given out by Monsieur Le Blanc and her mother that she had merely been on a visit to some friend in the country; and the affair was speedily hushed up. We presume that the present absence is a freak of the same nature, and that, at the expiration of a week or, perhaps, of a month, we shall have her among us again."—*Evening Paper*, Monday, June 23.*

"An evening journal of yesterday refers to a former mysterious disappearance of Mademoiselle Rogêt. It is well known that, during the week of her absence from Le Blanc's *parfumerie*, she was in the company of a young naval officer much noted for his debaucheries. A quarrel, it is supposed, providentially, led to her return home. We have the name of the Lothario in question, who is at present stationed in Paris, but for obvious reasons forbear to make it

* New York *Express*.

public."—*Le Mercurie,* Tuesday Morning, June 24.*

"An outrage of the most atrocious character was perpetrated near this city the day before yesterday. A gentleman, with his wife and daughter, engaged, about dusk, the services of six young men, who were idly rowing a boat to and fro near the banks of the Seine, to convey him across the river. Upon reaching the opposite shore the three passengers stepped out, and had proceeded so far as to be beyond the view of the boat, when the daughter discovered that she had left in it her parasol. She returned for it, was seized by the gang, carried out into the stream, gagged, brutally treated, and finally taken to the shore at a point not far from that at which she had originally entered the boat with her parents. The villains have escaped for the time, but the police are upon their trail, and some of them will soon be taken."—*Morning Paper,* June 25.†

"We have received one or two communications, the object of which is to fasten the crime of the late atrocity upon Mennais;‡ but as this gentleman has been fully exonerated by a legal inquiry, and as the arguments of our several correspondents appear to be more zealous than

* New York *Herald.*

† New York *Courier and Inquirer.*

‡ Mennais was one of the parties originally suspected and arrested, but discharged through total lack of evidence.

profound, we do not think it advisable to make them public."—*Morning Paper*, June 28.*

"We have received several forcibly written communications, apparently from various sources, and which go far to render it a matter of certainty that the unfortunate Marie Rogêt has become a victim of one of the numerous bands of blackguards which infest the vicinity of the city upon Sunday. Our own opinion is decidedly in favor of this supposition. We shall endeavor to make room for some of these arguments hereafter."—*Evening Paper*—Tuesday, June 31.†

"On Monday, one of the bargemen connected with the revenue service saw an empty boat floating down the Seine. Sails were lying in the bottom of the boat. The bargeman towed it under the barge office. The next morning it was taken from thence without the knowledge of any of the officers. The rudder is now at the barge office."—*Le Diligence*, Thursday, June 26.‡

Upon reading these various extracts, they not only seemed to me irrelevant, but I could perceive no mode in which any one of them could be brought to bear upon the matter in hand. I waited for some explanation from Dupin.

"It is not my present design," he said, "to *dwell* upon the first and second of these extracts. I have copied them chiefly to show you

* New York *Courier and Inquirer*.
† New York *Evening Post*.
‡ New York *Standard*.

the extreme remissness of the police, who, as far as I can understand from the Prefect, have not troubled themselves, in any respect, with an examination of the naval officer alluded to. Yet it is mere folly to say that between the first and second disappearance of Marie there is no *supposable* connection. Let us admit the first elopement to have resulted in a quarrel between the lovers, and the return home of the betrayed. We are now prepared to view a second *elopement* (if we *know* that an elopement has again taken place) as indicating a renewal of the betrayer's advances, rather than as the result of new proposals by a second individual—we are prepared to regard it as a 'making up' of the old *amour*, rather than as the commencement of a new one. The chances are ten to one, that he who had once eloped with Marie would again propose an elopement, rather than that she to whom proposals of an elopement had been made by one individual, should have them made to her by another. And here let me call your attention to the fact, that the time elapsing between the first ascertained and the second supposed elopement is a few months more than the general period of the cruises of our men-of-war. Had the lover been interrupted in his first villainy by the necessity of departure to sea, and had he seized the first moment of his return to renew the base designs not yet altogether accomplished—or not yet altogether ac-

complished *by him?* Of all these things we know nothing.

"You will say, however, that, in the second instance, there was *no* elopement as imagined. Certainly not—but are we prepared to say that there was not the frustrated design? Beyond St. Eustache, and perhaps Beauvais, we find no recognized, no open, no honorable suitors of Marie. Of none other is there any thing said. Who, then, is the secret lover, of whom the relatives (*at least most of them*) know nothing, but whom Marie meets upon the morning of Sunday, and who is so deeply in her confidence, that she hesitates not to remain with him until the shades of the evening descend, amid the solitary groves of the Barrière du Roule? Who is that secret lover, I ask, of whom, at least, *most* of the relatives know nothing? And what means the singular prophecy of Madam Rogêt on the morning of Marie's departure?—'I fear that I shall never see Marie again.'

"But if we cannot imagine Madame Rogêt privy to the design of elopement, may we not at least suppose this design entertained by the girl? Upon quitting home, she gave it to be understood that she was about to visit her aunt in the Rue des Drômes, and St. Eustache was requested to call for her at dark. Now, at first glance, this fact strongly militates against my suggestion;—but let us reflect. That she *did* meet some companion, and proceed with him across the river, reaching the Barrière du

Roule at so late an hour as three o'clock in the afternoon, is known. But in consenting so to accompany this individual, (*for whatever purpose—to her mother known or unknown,*) she must have thought of her expressed intention when leaving home, and of the surprise and suspicion aroused in the bosom of her affianced suitor, St. Eustache, when, calling for her, at the hour appointed, in the Rue des Drômes, he should find that she had not been there, and when, moreover, upon returning to the *pension* with this alarming intelligence, he should become aware of her continued absence from home. She must have thought of these things, I say. She must have foreseen the chagrin of St. Eustache, the suspicion of all. She could not have thought of returning to brave this suspicion; but the suspicion becomes a point of trivial importance to her, if we suppose her *not* intending to return.

"We may imagine her thinking thus—'I am to meet a certain person for the purpose of elopement, or for certain other purposes known only to myself. It is necessary that there be no chance of interruption—there must be sufficient time given us to elude pursuit—I will give it to be understood that I shall visit and spend the day with my aunt at the Rue des Drômes—I will tell St. Eustache not to call for me until dark—in this way, my absence from home for the longest possible period, without causing suspicion or anxiety, will be accounted for, and I

shall gain more time than in any other manner. If I bid St. Eustache call for me at dark, he will be sure not to call before; but if I wholly neglect to bid him call, my time for escape will be diminished, since it will be expected that I return the earlier, and my absence will the sooner excite anxiety. Now, if it were my design to return *at all*—if I had in contemplation merely a stroll with the individual in question—it would not be my policy to bid St. Eustache call; for, calling, he will be *sure* to ascertain that I have played him false—a fact of which I might keep him forever in ignorance, by leaving home without notifying him of my intention, by returning before dark, and by then stating that I had been to visit my aunt in the Rue des Drômes. But, as it is my design *never* to return—or not for some weeks—or not until certain concealments are effected—the gaining of time is the only point about which I need give myself any concern.'

"You have observed, in your notes, that the most general opinion in relation to this sad affair is, and was from the first, that the girl had been the victim of *a gang* of blackguards. Now, the popular opinion, under certain conditions, is not to be disregarded. When arising of itself—when manifesting itself in a strictly spontaneous manner—we should look upon it as analogous with that *intuition* which is the idiosyncrasy of the individual man of genius. In ninety-nine cases from the hundred I would

abide by its decision. But it is important that we find no palpable traces of *suggestion*. The opinion must be rigorously *the public's own;* and the distinction is often exceedingly difficult to perceive and to maintain. In the present instance, it appears to me that this 'public opinion,' in respect to *a gang*, has been superinduced by the collateral event which is detailed in the third of my extracts. All Paris is excited by the discovered corpse of Marie, a girl young, beautiful, and notorious. This corpse is found, bearing marks of violence, and floating in the river. But it is now made known that, at the very period, or about the very period, in which it is supposed that the girl was assassinated, an outrage similar in nature to that endured by the deceased, although less in extent, was perpetrated by a gang of young ruffians, upon the person of a second young female. Is it wonderful that the one known atrocity should influence the popular judgment in regard to the other unknown? This judgment awaited direction, and the known outrage seemed so opportunely to afford it! Marie, too, was found in the river; and upon this very river was this known outrage committed. The connection of the two events had about it so much of the palpable, that the true wonder would have been a *failure* of the populace to appreciate and to seize it. But, in fact, the one atrocity, known to be so committed, is, if any thing, evidence that the

other, committed at a time nearly coincident, was *not* so committed. It would have been a miracle indeed, if, while a gang of ruffians were perpetrating, at a given locality, a most unheard of wrong, there should have been another similar gang, in a similar locality, in the same city, under the same circumstances, with the same means and appliances, engaged in a wrong of precisely the same aspect, at precisely the same period of time! Yet in what, if not in this marvellous train of coincidence, does the accidentally *suggested* opinion of the populace call upon us to believe?

"Before proceeding further, let us consider the supposed scene of the assassination, in the thicket at the Barrière du Roule. This thicket, although dense, was in the close vicinity of a public road. Within were three or four large stones, forming a kind of seat with a back and a footstool. On the upper stone was discovered a white petticoat: on the second, a silk scarf. A parasol, gloves, and a pocket-handkerchief were also here found. The handkerchief bore the name 'Marie Rogêt.' Fragments of dress were seen on the branches around. The earth was trampled, the bushes were broken, and there was every evidence of a violent struggle.

"Notwithstanding the acclamation with which the discovery of this thicket was received by the press, and the unanimity with which it was supposed to indicate the precise scene of the outrage, it must be admitted that there was

some very good reason for doubt. That it *was* the scene, I may or I may not believe—but there was excellent reason for doubt. Had the *true* scene been, as *Le Commerciel* suggested, in the neighborhood of the Rue Pavée St. Andrée, the perpetrators of the crime, supposing them still resident in Paris, would naturally have been stricken with terror at the public attention thus acutely directed into the proper channel; and, in certain classes of minds, there would have arisen, at once, a sense of the necessity of some exertion to redivert this attention. And thus, the thicket of the Barrière du Roule having been already suspected, the idea of placing the articles where they were found, might have been naturally entertained. There is no real evidence, although *Le Soleil* so supposes, that the articles discovered had been more than a very few days in the thicket; while there is much circumstantial proof that they could not have remained there, without attracting attention, during the twenty days elapsing between the fatal Sunday and the afternoon upon which they were found by the boys. 'They were all *mildewed* down hard,' says *Le Soleil*, adopting the opinions of its predecessors, 'with the action of the rain and stuck together from *mildew*. The grass had grown around and over some of them. The silk of the parasol was strong, but the threads of it were run together within. The upper part, where it had been

doubled and folded, was all *mildewed* and rotten, and tore on being opened.' In respect to the grass having 'grown around and over some of them,' it is obvious that the fact could only have been ascertained from the words, and thus from the recollections, of two small boys; for these boys removed the articles and took them home before they had been seen by a third party. But the grass will grow, especially in warm and damp weather (such as was that of the period of the murder), as much as two or three inches in a single day. A parasol lying upon a newly turfed ground, might, in a single week, be entirely concealed from sight by the upspringing grass. And touching that *mildew* upon which the editor of *Le Soleil* so pertinaciously insists, that he employs the word no less than three times in the brief paragraph just quoted, is he really unaware of the nature of this *mildew?* Is he to be told that it is one of the many classes of *fungus*, of which the most ordinary feature is its upspringing and decadence within twenty-four hours?

"Thus we see, at a glance, that what has been most triumphantly adduced in support of the idea that the articles had been 'for at least three or four weeks' in the thicket, is most absurdly null as regards any evidence of that fact. On the other hand, it is exceedingly difficult to believe that these articles could have remained in the thicket specified for a longer period than a single week—for a longer period

than from one Sunday to the next. Those who know any thing of the vicinity of Paris, know the extreme difficulty of finding *seclusion,* unless at a great distance from its suburbs. Such a thing as an unexplored or even an unfrequently visited recess, amid its woods or groves, is not for a moment to be imagined. Let any one who, being at heart a lover of nature, is yet chained by duty to the dust and heat of this great metropolis—let any such one attempt, even during the week-days, to slake his thirst for solitude amid the scenes of natural loveliness which immediately surround us. At every second step, he will find the growing charm dispelled by the voice and personal intrusion of some ruffian or party of carousing blackguards. He will seek privacy amid the densest foliage, all in vain. Here are the very nooks where the unwashed most abound—here are the temples most desecrate. With sickness of the heart the wanderer will flee back to the polluted Paris as to a less odious because less incongruous sink of pollution. But if the vicinity of the city is so beset during the working days of the week, how much more so on the Sabbath! It is now especially that, released from the claims of labor, or deprived of the customary opportunities of crime, the town blackguard seeks the precincts of the town, not through love of the rural, which in his heart he despises, but by way of escape from the restraints and conven-

tionalities of society. He desires less the fresh air and the green trees, than the utter *license* of the country. Here, at the road-side inn, or beneath the foliage of the woods, he indulges unchecked by any eye except those of his boon companions, in all the mad excess of a counterfeit hilarity—the joint offspring of liberty and of rum. I say nothing more than what must be obvious to every dispassionate observer, when I repeat that the circumstance of the articles in question having remained undiscovered, for a longer period than from one Sunday to another, in *any* thicket in the immediate neighborhood of Paris, is to be looked upon as little less than miraculous.

"But there are not wanting other grounds for the suspicion that the articles were placed in the thicket with the view of diverting attention from the real scene of the outrage. And first, let me direct your notice to the *date* of the discovery of the articles. Collate this with the date of the fifth extract made by myself from the newspapers. You will find that the discovery followed, almost immediately, the urgent communications sent to the evening paper. These communications, although various, and apparently from various sources, tended all to the same point—viz., the directing of attention to *a gang* as the perpetrators of the outrage, and to the neighborhood of the Barrière du Roule as its scene. Now, here, of course, the situation is not that, in consequence

of these communications, or of the public attention by them directed, the articles were found by the boys; but the suspicion might and may well have been, that the articles were not *before* found by the boys, for the reason that the articles had not before been in the thicket; having been deposited there only at so late a period as at the date, or shortly prior to the date of the communications, by the guilty authors of these communications themselves.

"This thicket was a singular—an exceedingly singular one. It was unusually dense. Within its naturally walled enclosure were three extraordinary stones, *forming a seat with a back and a footstool.* And this thicket, so full of art, was in the immediate vicinity, *within a few rods,* of the dwelling of Madame Deluc, whose boys were in the habit of closely examining the shrubberies about them in search of the bark of the sassafras. Would it be a rash wager—a wager of one thousand to one— that *a day* never passed over the heads of these boys without finding at least one of them ensconced in the umbrageous hall, and enthroned upon its natural throne? Those who would hesitate at such a wager, have either never been boys themselves, or have forgotten the boyish nature. I repeat—it is exceedingly hard to comprehend how the articles could have remained in this thicket undiscovered, for a longer period than one or two days; and that thus there is good ground for suspicion, in

spite of the dogmatic ignorance of *Le Soleil*, that they were, at a comparatively late date, deposited where found.

"But there are still other and stronger reasons for believing them so deposited, than any which I have as yet urged. And, now, let me beg your notice to the highly artificial arrangement of the articles. On the *upper* stone lay a white petticoat; on the *second*, a silk scarf; scattered around, were a parasol, gloves, and a pocket-handkerchief bearing the name 'Marie Rogêt.' Here is just such an arrangement as would *naturally* be made by a not over-acute person wishing to dispose the articles *naturally*. But it is by no means a *really* natural arrangement. I should rather have looked to see the things *all* lying on the ground and trampled under foot. In the narrow limits of that bower, it would have been scarcely possible that the petticoat and scarf should have retained a position upon the stones, when subjected to the brushing to and fro of many struggling persons. 'There was evidence,' it is said, 'of a struggle; and the earth was trampled, the bushes were broken,'—but the petticoat and the scarf are found deposited as if upon shelves. 'The pieces of the frock torn out by the bushes were about three inches wide and six inches long. One part was the hem of the frock and it had been mended. They *looked like strips torn off*.' Here, inadvertently, *Le Soleil* has employed an exceedingly suspicious phrase. The pieces, as de-

scribed, do indeed 'look like strips torn off'; but purposely and by hand. It is one of the rarest of accidents that a piece is 'torn off,' from any garment such as is now in question, by the agency *of a thorn*. From the very nature of such fabrics, a thorn or nail becoming tangled in them, tears them rectangularly—divides them into two longitudinal rents, at right angles with each other, and meeting at an apex where the thorn enters—but it is scarcely possible to conceive the piece 'torn off.' I never so knew it, nor did you. To tear a piece *off* from such fabric, two distinct forces, in different directions, will be, in almost every case, required. If there be two edges to the fabric—if, for example, it be a pocket-handkerchief, and it is desired to tear from it a slip, then, and then only, will the one force serve the purpose. But in the present case the question is of a dress, presenting but one edge. To tear a piece from the interior, where no edge is presented, could only be effected by a miracle through the agency of thorns, and no *one* thorn could accomplish it. But, even where an edge is presented, two thorns will be necessary, operating, the one in two distinct directions, and the other in one. And this in the supposition that the edge is unhemmed. If hemmed, the matter is nearly out of the question. We thus see the numerous and great obstacles in the way of pieces being 'torn off' through the simple agency of 'thorns'; yet we are required to be-

lieve not only that one piece but that many have been so torn. 'And one part,' too, '*was the hem of the frock*'! Another piece was '*part of the skirt, not the hem*,'—that is to say, was torn completely out, through the agency of thorns, from the unedged interior of the dress! These, I say, are things which one may well be pardoned for disbelieving; yet, taken collectedly, they form, perhaps, less of reasonable ground for suspicion, than the one startling circumstance of the articles having been left in this thicket at all, by any *murderers* who had enough precaution to think of removing the corpse. You will not have apprehended me rightly, however, if you suppose it my design to *deny* this thicket as the scene of the outrage. There might have been a wrong *here*, or more possibly, an accident at Madame Deluc's. But, in fact, this is a point of minor importance. We are not engaged in an attempt to discover the scene, but to produce the perpetrators of the murder. What I have adduced, notwithstanding the minuteness with which I have adduced it, has been with the view, first, to show the folly of the positive and headlong assertions of *Le Soleil*, but secondly and chiefly, to bring you, by the most natural route, to a further contemplation of the doubt whether this assassination has, or has not, been the work of *a gang*.

"We will resume this question by mere allusion to the revolting details of the surgeon

examined at the inquest. It is only necessary to say that his published *inferences*, in regard to the number of the ruffians, have been properly ridiculed as unjust and totally baseless, by all the reputable anatomists of Paris. Not that the matter *might not* have been as inferred, but that there was no ground for the inference:—was there not much for another?

"Let us reflect now upon 'the traces of a struggle'; and let me ask what these traces have been supposed to demonstrate. A gang. But do they not rather demonstrate the absence of a gang? What *struggle* could have taken place—what struggle so violent and so enduring as to have left its 'traces' in all directions—between a weak and defenceless girl and a *gang* of ruffians imagined? The silent grasp of a few rough arms and all would have been over. The victim must have been absolutely passive at their will. You will here bear in mind that the arguments urged against the thicket as the scene, are applicable, in chief part, only against it as the scene of an outrage committed by *more than a single individual.* If we imagine but *one* violator, we can conceive, and thus only conceive, the struggle of so violent and so obstinate a nature as to have left the 'traces' apparent.

"And again. I have already mentioned the suspicion to be excited by the fact that the articles in question were suffered to remain *at all* in the thicket where discovered. It seems

almost impossible that these evidences of guilt should have been accidentally left where found. There was sufficient presence of mind (it is supposed) to remove the corpse; and yet a more positive evidence than the corpse itself (whose features might have been quickly obliterated by decay), is allowed to lie conspicuously in the scene of the outrage—I allude to the handkerchief with the *name* of the deceased. If this was accident, it was not the accident *of a gang*. We can imagine it only the accident of an individual. Let us see. An individual has committed the murder. He is alone with the ghost of the departed. He is appalled by what lies motionless before him. The fury of his passion is over, and there is abundant room in his heart for the natural awe of the deed. His is none of that confidence which the presence of numbers inevitably inspires. He is *alone* with the dead. He trembles and is bewildered. Yet there is a necessity for disposing of the corpse. He bears it to the river, and leaves behind him the other evidences of his guilt; for it is difficult, if not impossible to carry all the burthen at once, and it will be easy to return for what is left. But in his toilsome journey to the water his fears redouble within him. The sounds of life encompass his path. A dozen times he hears or fancies he hears the step of an observer. Even the very lights from the city bewilder him. Yet, in time, and by long and frequent pauses of deep agony, he

reaches the river's brink, and disposes of his ghastly charge—perhaps through the medium of a boat. But *now* what treasure does the world hold—what threat of vengeance could it hold out—which would have power to urge the return of that lonely murderer over that toilsome and perilous path, to the thicket and its blood-chilling recollections? He returns *not,* let the consequences be what they may. He *could* not return if he would. His sole thought is immediate escape. He turns his back *forever* upon those dreadful shrubberies, and flees as from the wrath to come.

"But how with a gang? Their number would have inspired them with confidence; if, indeed, confidence is ever wanting in the breast of the arrant blackguard; and of arrant blackguards alone are the supposed *gangs* ever constituted. Their number, I say, would have prevented the bewildering and unreasoning terror which I have imagined to paralyze the single man. Could we suppose an oversight in one, or two, or three, this oversight would have been remedied by a fourth. They would have left nothing behind them; for their number would have enabled them to carry *all* at once. There would have been no need of *return.*

"Consider now the circumstance that, in the outer garment of the corpse when found, 'a slip, about a foot wide, had been torn upward from the bottom hem to the waist, wound three times round the waist, and secured by a sort

of hitch in the back.' This was done with the obvious design of affording *a handle* by which to carry the body. But would any *number* of men have dreamed of resorting to such an expedient? To three or four, the limbs of the corpse would have afforded not only a sufficient, but the best possible, hold. The device is that of a single individual; and this brings us to the fact that 'between the thicket and the river the rails of the fences were found taken down, and the ground bore evident traces of some heavy burden having been dragged along it!' But would a *number* of men have put themselves to the superfluous trouble of taking down a fence, for the purpose of dragging through it a corpse which they might have *lifted over* any fence in an instant? Would a *number* of men have so *dragged* a corpse at all as to have left evident *traces* of the dragging?

"And here we must refer to an observation of *Le Commerciel*; an observation upon which I have already, in some measure, commented. 'A piece,' says this journal, 'of one of the unfortunate girl's petticoats was torn out and tied under her chin, and around the back of her head, probably to prevent screams. This was done by fellows who had no pocket-handkerchiefs.'

"I have before suggested that a genuine blackguard is never *without* a pocket-handkerchief. But it is not to this fact that I now

especially advert. That it was not through want of a handkerchief for the purpose imagined by *Le Commerciel*, that this bandage was employed, is rendered apparent by the handkerchief left in the thicket; and that the object was not 'to prevent screams' appears, also, from the bandage having been employed in preference to what would so much better have answered the purpose. But the language of the evidence speaks of the strip in question as 'found around the neck, fitting loosely, and secured with a hard knot.' These words are sufficiently vague, but differ materially from those of *Le Commerciel*. The slip was eighteen inches wide, and therefore, although of muslin, would form a strong band when folded or rumpled longitudinally. And thus rumpled it was discovered. My inference is this. The solitary murderer, having borne the corpse for some distance (whether from the thicket or elsewhere) by means of the bandage *hitched* around its middle, found the weight, in this mode of procedure, too much for his strength. He resolved to drag the burthen—the evidence goes to show that it *was* dragged. With this object in view, it became necessary to attach something like a rope to one of the extremities. It could be best attached about the neck, where the head would prevent its slipping off. And now the murderer bethought him, unquestionably, of the bandage about the loins. He would have used this, but for its volution about

the corpse, the *hitch* which embarrassed it, and the reflection that it had not been 'torn off' from the garment. It was easier to tear a new slip from the petticoat. He tore it, made it fast about the neck, and so *dragged* his victim to the brink of the river. That this 'bandage,' only attainable with trouble and delay, and but imperfectly answering its purpose—that this bandage was employed *at all*, demonstrates that the necessity for its employment sprang from circumstances arising at a period when the handkerchief was no longer attainable—that is to say, arising, as we have imagined, after quitting the thicket (if the thicket it was), and on the road between the thicket and the river.

"But the evidence, you will say, of Madame Deluc(!) points especially to the presence of *a gang* in the vicinity of the thicket, at or about the epoch of the murder. This I grant. I doubt if there were not a *dozen* gangs, such as described by Madame Deluc, in and about the vicinity of the Barrière du Roule at *or about* the period of this tragedy. But the gang which has drawn upon itself the pointed animadversion, although the somewhat tardy and very suspicious evidence, of Madame Deluc, is the *only* gang which is represented by that honest and scrupulous old lady as having eaten her cakes and swallowed her brandy, without putting themselves to the trouble of making her payment. *Et hinc illæ iræ?*

"But what *is* the precise evidence of Madame Deluc? 'A gang of miscreants made their appearance, behaved boisterously, ate and drank without making payment, followed in the route of the young man and the girl, returned to the inn *about dusk,* and re-crossed the river as if in great haste.'

"Now this 'great haste' very possibly seemed *greater* haste in the eyes of Madame Deluc, since she dwelt lingeringly and lamentingly upon her violated cakes and ale,—cakes and ale for which she might still have entertained a faint hope of compensation. Why, otherwise, since it was *about dusk,* should she make a point of the *haste?* It is no cause for wonder, surely, that even a gang of blackguards should make *haste* to get home when a wide river is to be crossed in small boats, when storm impends, and when night *approaches.*

"I say *approaches;* for the night had *not yet arrived.* It was only *about dusk* that the indecent haste of these 'miscreants' offended the sober eyes of Madame Deluc. But we are told that it was upon this very evening that Madame Deluc, as well as her eldest son, 'heard the screams of a female in the vicinity of the inn.' And in what words does Madame Deluc designate the period of the evening at which these screams were heard? 'It was *soon after dark,*' she says. But 'soon *after* dark' is, at least, *dark;* and '*about dusk*' is as certainly daylight. Thus it is abundantly clear

that the gang quitted the Barrière du Roule *prior* to the screams overheard (?) by Madame Deluc. And although, in all the many reports of the evidence, the relative expressions in question are distinctly and invariably employed just as I have employed them in this conversation with yourself, no notice whatever of the gross discrepancy has, as yet, been taken by any of the public journals, or by any of the myrmidons of police.

"I shall add but one to the arguments against *a gang;* but this *one* has, to my own understanding at least, a weight altogether irresistible. Under the circumstances of large reward offered, and full pardon to any king's evidence, it is not to be imagined, for a moment, that some member of *a gang* of low ruffians, or of any body of men would not long ago have betrayed his accomplices. Each one of a gang, so placed, is not so much greedy of reward, or anxious for escape, as *fearful of betrayal.* He betrays eagerly and early that *he may not himself be betrayed.* That the secret has not been divulged is the very best of proof that it is, in fact, a secret. The horrors of this dark deed are known only to *one,* or two, living human beings, and to God.

"Let us sum up now the meagre yet certain fruits of our long analysis. We have attained the idea either of a fatal accident under the roof of Madame Deluc, or of a murder perpetrated, in the thicket at the Barrière du

Roule, by a lover, or at least by an intimate and secret associate of the deceased. This associate is of swarthy complexion. This complexion, the 'hitch' in the bandage, and the 'sailor's knot' with which the bonnet-ribbon is tied, point to a seaman. His companionship with the deceased—a gay but not an abject young girl—designates him as above the grade of the common sailor. Here the well-written and urgent communications to the journals are much in the way of corroboration. The circumstance of the first elopement, as mentioned by *Le Mercurie*, tends to blend the idea of this seaman with that of the 'naval officer' who is first known to have led the unfortunate into crime.

"And here, most fitly, comes the consideration of the continued absence of him of the dark complexion. Let me pause to observe that the complexion of this man is dark and swarthy; it was no common swarthiness which constituted the *sole* point of remembrance, both as regards Valence and Madame Deluc. But why is this man absent? Was he murdered by the gang? If so, why are there only *traces* of the assassinated *girl?* The scene of the two outrages will naturally be supposed identical. And where is his corpse? The assassins would most probably have disposed of both in the same way. But it may be said that this man lives, and is deterred from making himself known, through dread of being charged with the murder. This

consideration might be supposed to operate upon him now—at this late period—since it has been given in evidence that he was seen with Marie, but it would have had no force at the period of the deed. The first impulse of an innocent man would have been to announce the outrage, and to aid in identifying the ruffians. This *policy* would have suggested. He had been seen with the girl. He had crossed the river with her in an open ferry-boat. The denouncing of the assassins would have appeared, even to an idiot, the surest and sole means of relieving himself from suspicion. We cannot suppose him, on the night of the fatal Sunday, both innocent himself and incognizant of an outrage committed. Yet only under such circumstances is it possible to imagine that he would have failed, if alive, in the denouncement of the assassins.

"And what means are ours of attaining the truth? We shall find these means multiplying and gathering distinctness as we proceed. Let us sift to the bottom this affair of the first elopement. Let us know the full history of 'the officer,' with his present circumstances, and his whereabouts at the precise period of the murder. Let us carefully compare with each other the various communications sent to the evening paper, in which the object was to inculpate *a gang*. This done, let us compare these communications, both as regards style and MS., with those sent to the morning paper, at

a previous period, and insisting so vehemently upon the guilt of Mennais. And, all this done, let us again compare these various communications with the known MSS. of the officer. Let us endeavor to ascertain, by repeated questionings of Madame Deluc and her boys, as well as of the omnibus-driver, Valence, something more of the personal appearance and bearing of the 'man of dark complexion.' Queries, skilfully directed will not fail to elicit, from some of these parties, information on this particular point (or upon others)—information which the parties themselves may not even be aware of possessing. And let us now trace *the boat* picked up by the bargeman on the morning of Monday the twenty-third of June, and which was removed from the barge-office, without the cognizance of the officer in attendance, and *without the rudder,* at some period prior to the discovery of the corpse. With a proper caution and perseverance we shall infallibly trace this boat; for not only can the bargeman who picked it up identify it, but the *rudder is at hand.* The rudder *of a sail boat* would not have been abandoned, without inquiry, by one altogether at ease in heart. And here let me pause to insinuate a question. There was no *advertisement* of the picking up of this boat. It was silently taken to the barge-office and as silently removed. But its owner or employer—how *happened* he, at so early a period as Tuesday morning, to be in-

formed, without the agency of advertisement, of the locality of the boat taken up on Monday, unless we imagine some connection with the *navy*—some personal permanent connection leading to cognizance of its minute interests—its petty local news?

"In speaking of the lonely assassin dragging his burden to the shore, I have already suggested the probability of his availing himself *of a boat*. Now we are to understand that Marie Rogêt *was* precipitated from a boat. This would naturally have been the case. The corpse could not have been trusted to the shallow waters of the shore. The peculiar marks on the back and shoulders of the victim tell of the bottom ribs of a boat. That the body was found without weight is also corroborative of the idea. If thrown from the shore a weight would have been attached. We can only account for its absence by supposing the murderer to have neglected the precaution of supplying himself with it before pushing off. In the act of consigning the corpse to the water, he would unquestionably have noticed his oversight; but then no remedy would have been at hand. Any risk would have been preferred to a return to that accursed shore. Having rid himself of his ghastly charge, the murderer would have hastened to the city. There, at some obscure wharf, he would have leaped on land. But the boat—would he have secured it? He would have been in too great haste for such things as securing

a boat. Moreover, in fastening it to the wharf, he would have felt as if securing evidence against himself. His natural thought would have been to cast from him, as far as possible, all that had held connection with his crime. He would not only have fled from the wharf, but he would not have permitted *the boat* to remain. Assuredly he would have cast it adrift. Let us pursue our fancies.—In the morning, the wretch is stricken with unutterable horror at finding that the boat has been picked up and detained at a locality which he is in the daily habit of frequenting—at a locality, perhaps, which his duty compels him to frequent. The next night, *without daring to ask for the rudder,* he removes it. Now *where* is that rudderless boat? Let it be one of our first purposes to discover. With the first glimpse we obtain of it, the dawn of our success shall begin. This boat shall guide us, with a rapidity which will surprise even ourselves, to him who employed it in the midnight of the fatal Sabbath. Corroboration will rise upon corroboration, and the murderer will be traced."

[For reasons which we shall not specify, but which to many readers will appear obvious, we have taken the liberty of here omitting, from the MSS. placed in our hands, such portion as details the *following up* of the apparently slight clew obtained by Dupin. We feel it advisable only to state, in brief, that the result desired was brought to pass; and that the Prefect

fulfilled punctually, although with reluctance, the terms of his compact with the Chevalier. Mr. Poe's article concludes with the following words.—*Eds.**]

It will be understood that I speak of coincidences and *no more*. What I have said above upon this topic must suffice. In my own heart there dwells no faith in præter-nature. That Nature and its God are two, no man who thinks will deny. That the latter, creating the former, can, at will, control or modify it, is also unquestionable. I say "at will"; for the question is of will, and not, as the insanity of logic has assumed, of power. It is not that the Deity *cannot* modify his laws, but that we insult him in imagining a possible necessity for modification. In their origin these laws were fashioned to embrace *all* contingencies which *could* lie in the Future. With God all is *Now*.

I repeat, then, that I speak of these things only as of coincidences. And further: in what I relate it will be seen that between the fate of the unhappy Mary Cecilia Rogers, so far as that fate is known, and the fate of one Marie Rogêt up to a certain epoch in her history, there has existed a parallel in the contemplation of whose wonderful exactitude the reason becomes embarrassed. I say all this will be seen. But let it not for a moment be supposed that, in

* Of the Magazine in which the article was originally published.

proceeding with the sad narrative of Marie from the epoch just mentioned, and in tracing to its *dénouement* the mystery which enshrouded her, it is my covert design to hint at an extension of the parallel, or even to suggest that the measures adopted in Paris for the discovery of the assassin of a grisette, or measures founded in any similar ratiocination would produce any similar result.

For, in respect to the latter branch of the supposition, it should be considered that the most trifling variation in the facts of the two cases might give rise to the most important miscalculations, by diverting thoroughly the two courses of events; very much as, in arithmetic, an error which, in its own individuality, may be inappreciable, produces, at length, by dint of multiplication at all points of the process, a result enormously at variance with truth. And, in regard to the former branch, we must not fail to hold in view that the very Calculus of Probabilities to which I have referred, forbids all idea of the extension of the parallel, —forbids it with a positiveness strong and decided just in proportion as this parallel has already been long-drawn and exact. This is one of those anomalous propositions which, seemingly appealing to thought altogether apart from the mathematical, is yet one which only the mathematician can fully entertain. Nothing, for example, is more difficult than to convince the merely general reader that the fact

of sixes having been thrown twice in succession by a player at dice, is sufficient cause for betting the largest odds that sixes will not be thrown in the third attempt. A suggestion to this effect is usually rejected by the intellect at once. It does not appear that the two throws which have been completed, and which lie now absolutely in the Past, can have influence upon the throw which exists only in the Future. The chance for throwing sixes seems to be precisely as it was at any ordinary time—that is to say, subject only to the influence of the various other throws which may be made by the dice. And this is a reflection which appears so exceedingly obvious that attempts to controvert it are received more frequently with a derisive smile than with any thing like respectful attention. The error here involved—a gross error redolent of mischief—I cannot pretend to expose within the limits assigned me at present; and with the philosophical it needs no exposure. It may be sufficient here to say that it forms one of an infinite series of mistakes which arise in the path of Reason through her propensity for seeking truth *in detail.*

THE BALLOON-HOAX.

[Astounding News by Express, *viâ* Norfolk!—The Atlantic Crossed in Three Days! Signal Triumph of Mr. Monck Mason's Flying Machine!—Arrival at Sullivan's Island, near Charleston, S. C., of Mr. Mason, Mr. Robert Holland, Mr. Henson, Mr. Harrison Ainsworth, and four others, in the Steering Balloon, "Victoria," after a Passage of Seventy-five Hours from Land to Land! Full Particulars of the Voyage!

The subjoined *jeu d'esprit* with the preceding heading in magnificent capitals, well interspersed with notes of admiration, was originally published, as matter of fact, in the *New-York Sun*, a daily newspaper, and therein fully subserved the purpose of creating indigestible aliment for the *quidnuncs* during the few hours intervening between a couple of the Charleston mails. The rush for the "sole paper which had the news," was something beyond even the prodigious; and, in fact, if (as some assert) the "Victoria" *did* not absolutely accomplish the voyage recorded, it will be difficult to assign a reason why she *should* not have accomplished it.]

THE great problem is at length solved! The air, as well as the earth and the ocean, has been subdued by science, and will become a common and convenient highway for mankind. *The Atlantic has been actually crossed in a Balloon!* and this too without difficulty—without any great apparent danger—with thorough control of the machine—and in the inconceivably brief period of seventy-five hours from shore to shore! By the energy of an agent at Charleston, S. C., we are enabled to be the first to furnish the public with a detailed account of this most extra-

ordinary voyage, which was performed between Saturday, the 6th instant, at 11 A. M. and 2 P. M., on Tuesday, the 9th instant, by Sir Everard Bringhurst; Mr. Osborne, a nephew of Lord Bentinck's; Mr. Monck Mason and Mr. Robert Holland, the well-known aëronauts; Mr. Harrison Ainsworth, author of "Jack Sheppard," etc.; and Mr. Henson, the projector of the late unsuccessful flying machine—with two seamen from Woolwich—in all, eight persons. The particulars furnished below may be relied on as authentic and accurate in every respect, as, with a slight exception, they are copied *verbatim* from the joint diaries of Mr. Monck Mason and Mr. Harrison Ainsworth, to whose politeness our agent is also indebted for much verbal information respecting the balloon itself, its construction, and other matters of interest. The only alteration in the MS. received, has been made for the purpose of throwing the hurried account of our agent, Mr. Forsyth, into a connected and intelligible form.

"THE BALLOON.

"Two very decided failures, of late,—those of Mr. Henson and Sir George Cayley,—had much weakened the public interest in the subject of aërial navigation. Mr. Henson's scheme (which at first was considered very feasible even by men of science) was founded upon the principle of an inclined plane, started from an emi-

nence by an extrinsic force, applied and continued by the revolution of impinging vanes, in form and number resembling the vanes of a windmill. But, in all the experiments made with models at the Adelaide Gallery, it was found that the operation of these fans not only did not propel the machine, but actually impeded its flight. The only propelling force it ever exhibited, was the mere *impetus* acquired from the descent of the inclined plane; and this *impetus* carried the machine farther when the vanes were at rest, than when they were in motion—a fact which sufficiently demonstrates their inutility; and in the absence of the propelling, which was also the *sustaining*, power, the whole fabric would necessarily descend. This consideration led Sir George Cayley to think only of adapting a propeller to some machine having of itself an independent power of support—in a word, to a balloon; the idea, however, being novel, or original, with Sir George, only so far as regards the mode of its application to practice. He exhibited a model of his invention at the Polytechnic Institution. The propelling principle, or power, was here, also, applied to interrupted surfaces, or vanes, put in revolution. These vanes were four in number, but were found entirely ineffectual in moving the balloon, or in aiding its ascending power. The whole project was thus a complete failure.

"It was at this juncture that Mr. Monck

Mason (whose voyage from Dover to Weilburg in the balloon, 'Nassau,' occasioned so much excitement in 1837) conceived the idea of employing the principle of the Archimedean screw for the purpose of propulsion through the air —rightly attributing the failure of Mr. Henson's scheme, and of Sir George Cayley's to the interruption of surface in the independent vanes. He made the first public experiment at Willis's Rooms, but afterward removed his model to the Adelaide Gallery.

"Like Sir George Cayley's balloon, his own was an ellipsoid. Its length was thirteen feet six inches—height, six feet eight inches. It contained about three hundred and twenty cubic feet of gas, which, if pure hydrogen, would support twenty-one pounds upon its first inflation, before the gas has time to deteriorate or escape. The weight of the whole machine and apparatus was seventeen pounds—leaving about four pounds to spare. Beneath the centre of the balloon, was a frame of light wood, about nine feet long, and rigged on to the balloon itself with a network in the customary manner. From this framework was suspended a wicker basket or car.

"The screw consists of an axis of hollow brass tube, eighteen inches in length, through which, upon a semi-spiral inclined at fifteen degrees, pass a series of steel-wire radii, two feet long, and thus projecting a foot on either side. These radii are connected at the outer extremi-

ties by two bands of flattened wire—the whole in this manner forming the framework of the screw, which is completed by a covering of oiled silk cut into gores, and tightened so as to present a tolerably uniform surface. At each end of its axis this screw is supported by pillars of hollow brass tube descending from the hoop. In the lower ends of these tubes are holes in which the pivots of the axis revolve. From the end of the axis which is next the car, proceeds a shaft of steel, connecting the screw with the pinion of a piece of spring machinery fixed in the car. By the operation of this spring, the screw is made to revolve with great rapidity, communicating a progressive motion to the whole. By means of the rudder, the machine was readily turned in any direction. The spring was of great power, compared with its dimensions, being capable of raising forty-five pounds upon a barrel of four inches diameter, after the first turn, and gradually increasing as it was wound up. It weighed, altogether, eight pounds six ounces. The rudder was a light frame of cane covered with silk, shaped somewhat like a battledoor, and was about three feet long, and at the widest, one foot. Its weight was about two ounces. It could be turned *flat*, and directed upward or downward, as well as to the right or left; and thus enabled the aëronaut to transfer the resistance of the air which in an inclined position it must generate in its passage, to any side upon which he

might desire to act; thus determining the balloon in the opposite direction.

"This model (which, through want of time, we have necessarily described in an imperfect manner) was put in action at the Adelaide Gallery, where it accomplished a velocity of five miles per hour; although, strange to say, it excited very little interest in comparison with the previous complex machine of Mr. Henson—so resolute is the world to despise any thing which carries with it an air of simplicity. To accomplish the great desideratum of aërial navigation, it was very generally supposed that some exceedingly complicated application must be made of some unusually profound principle in dynamics.

"So well satisfied, however, was Mr. Mason of the ultimate success of his invention, that he determined to construct immediately, if possible, a balloon of sufficient capacity to test the question by a voyage of some extent—the original design being to cross the British Channel, as before, in the Nassau balloon. To carry out his views, he solicited and obtained the patronage of Sir Everard Bringhurst and Mr. Osborne, two gentlemen well known for scientific acquirement, and especially for the interest they have exhibited in the progress of aerostation. The project, at the desire of Mr. Osborne, was kept a profound secret from the public—the only persons entrusted with the design being those actually engaged in the construction of

the machine, which was built (under the superintendence of Mr. Mason, Mr. Holland, Sir Everard Bringhurst, and Mr. Osborne) at the seat of the latter gentleman near Penstruthal, in Wales. Mr. Henson, accompanied by his friend Mr. Ainsworth, was admitted to a private view of the balloon, on Saturday last—when the two gentlemen made final arrangements to be included in the adventure. We are not informed for what reason the two seamen were also included in the party—but, in the course of a day or two, we shall put our readers in possession of the minutest particulars respecting this extraordinary voyage.

"The balloon is composed of silk, varnished with the liquid gum caoutchouc. It is of vast dimensions, containing more than 40,000 cubic feet of gas; but as coal-gas was employed in place of the more expensive and inconvenient hydrogen, the supporting power of the machine, when fully inflated, and immediately after inflation, is not more than about 2500 pounds. The coal-gas is not only much less costly, but is easily procured and managed.

"For its introduction into common use for purposes of aërostation, we are indebted to Mr. Charles Green. Up to his discovery, the process of inflation was not only exceedingly expensive, but uncertain. Two and even three days have frequently been wasted in futile attempts to procure a sufficiency of hydrogen to fill a balloon, from which it had great tendency to es-

cape, owing to its extreme subtlety, and its affinity for the surrounding atmosphere. In a balloon sufficiently perfect to retain its contents of coal-gas unaltered, in quantity or amount, for six months, an equal quantity of hydrogen could not be maintained in equal purity for six weeks.

"The supporting power being estimated at 2500 pounds, and the united weights of the party amounting only to about 1200, there was left a surplus of 1300, of which again 1200 was exhausted by ballast, arranged in bags of different sizes, with their respective weights marked upon them—by cordage, barometers, telescopes, barrels containing provision for a fortnight, water-casks, cloaks, carpet-bags, and various other indispensable matters, including a coffee-warmer, contrived for warming coffee by means of slack-lime, so as to dispense altogether with fire, if it should be judged prudent to do so. All these articles, with the exception of the ballast, and a few trifles, were suspended from the hoop overhead. The car is much smaller and lighter, in proportion, than the one appended to the model. It is formed of a light wicker, and is wonderfully strong, for so frail-looking a machine. Its rim is about four feet deep. The rudder is also very much larger, in proportion, than that of the model; and the screw is considerably smaller. The balloon is furnished besides with a grapnel, and a guide-rope; which latter is of the most indispensable

importance. A few words, in explanation, will here be necessary for such of our readers as are not conversant with the details of aërostation.

"As soon as the balloon quits the earth, it is subjected to the influence of many circumstances tending to create a difference in its weight; augmenting or diminishing its ascending power. For example, there may be a deposition of dew upon the silk, to the extent, even, of several hundred pounds; ballast has then to be thrown out, or the machine may descend. This ballast being discarded, and a clear sunshine evaporating the dew, and at the same time expanding the gas in the silk, the whole will again rapidly ascend. To check this ascent, the only resource is (or rather *was*, until Mr. Green's invention of the guide-rope) the permission of the escape of gas from the valve; but, in the loss of gas, is a proportionate general loss of ascending power; so that, in a comparatively brief period, the best-constructed balloon must necessarily exhaust all its resources, and come to the earth. This was the great obstacle to voyages of length.

"The guide-rope remedies the difficulty in the simplest manner conceivable. It is merely a very long rope which is suffered to trail from the car, and the effect of which is to prevent the balloon from changing its level in any material degree. If, for example, there should be a deposition of moisture upon the silk, and the ma-

chine begins to descend in consequence, there will be no necessity for discharging ballast to remedy the increase of weight, for it is remedied, or counteracted, in an exactly just proportion, by the deposit on the ground of just so much of the end of the rope as is necessary. If, on the other hand, any circumstances should cause undue levity, and consequent ascent, this levity is immediately counteracted by the additional weight of rope upraised from the earth. Thus, the balloon can neither ascend nor descend, except within very narrow limits, and its resources, either in gas or ballast, remain comparatively unimpaired. When passing over an expanse of water, it becomes necessary to employ small kegs of copper or wood, filled with liquid ballast of a lighter nature than water. These float, and serve all the purposes of a mere rope on land. Another most important office of the guide-rope, is to point out the *direction* of the balloon. The rope *drags*, either on land or sea, while the balloon is free: the latter, consequently, is always in advance, when any progress whatever is made: a comparison, therefore, by means of the compass, of the relative positions of the two objects, will always indicate the *course*. In the same way, the angle formed by the rope with the vertical axis of the machine, indicates the *velocity*. When there is *no* angle—in other words, when the rope hangs perpendicularly, the whole apparatus

is stationary; but the larger the angle, that is to say, the farther the balloon precedes the end of the rope, the greater the velocity; and the converse.

"As the original design was to cross the British Channel, and alight as near Paris as possible, the voyagers had taken the precaution to prepare themselves with passports directed to all parts of the Continent, specifying the nature of the expedition, as in the case of the 'Nassau' voyage, and entitling the adventurers to exemption from the usual formalities of office; unexpected events, however, rendered these passports superfluous.

"The inflation was commenced very quietly at day-break, on Saturday morning, the 6th instant, in the court-yard of Weal-Vor House, Mr. Osborne's seat, about a mile from Penstruthal, in North Wales; and at seven minutes past eleven, every thing being ready for departure, the balloon was set free, rising gently but steadily, in a direction nearly south; no use being made, for the first half hour, of either the screw or the rudder. We proceed now with the journal, as transcribed by Mr. Forsyth from the joint MSS. of Mr. Monck Mason and Mr. Ainsworth. The body of the journal, as given, is in the handwriting of Mr. Mason, and a P. S. is appended, each day, by Mr. Ainsworth, who has in preparation, and will shortly give the public a more minute and, no doubt, a thrillingly interesting account of the voyage.

"THE JOURNAL.

"*Saturday, April the 6th.*—Every preparation likely to embarrass us having been made overnight, we commenced the inflation this morning at daybreak; but owing to a thick fog, which encumbered the folds of the silk and rendered it unmanageable, we did not get through before nearly eleven o'clock. Cut loose, then, in high spirits, and rose gently but steadily, with a light breeze at north, which bore us in the direction of the British Channel. Found the ascending force greater than we had expected; and as we arose higher and so got clear of the cliffs, and more in the sun's rays, our ascent became very rapid. I did not wish, however, to lose gas at so early a period of the adventure, and so concluded to ascend for the present. We soon ran out our guide-rope; but even when we had raised it clear of the earth, we still went up very rapidly. The balloon was unusually steady, and looked beautifully. In about ten minutes after starting, the barometer indicated an altitude of 15,000 feet. The weather was remarkably fine, and the view of the subjacent country—a most romantic one when seen from any point—was now especially sublime. The numerous deep gorges presented the appearance of lakes, on account of the dense vapors with which they were filled, and the pinnacles and crags to the south east, piled in inextricable confusion, resembling nothing so

much as the giant cities of Eastern fable. We were rapidly approaching the mountains in the south, but our elevation was more than sufficient to enable us to pass them in safety. In a few minutes we soared over them in fine style; and Mr. Ainsworth, with the seamen, was surprised at their apparent want of altitude when viewed from the car, the tendency of great elevation in a balloon being to reduce inequalities of the surface below, to nearly a dead level. At half-past eleven still proceeding nearly south, we obtained our first view of the Bristol Channel; and, in fifteen minutes afterward, the line of breakers on the coast appeared immediately beneath us, and we were fairly out at sea. We now resolved to let off enough gas to bring our guide-rope, with the buoys affixed, into the water. This was immediately done, and we commenced a gradual descent. In about twenty minutes our first buoy dipped, and at the touch of the second soon afterward, we remained stationary as to elevation. We were all now anxious to test the efficiency of the rudder and screw, and we put them both into requisition forthwith, for the purpose of altering our direction more to the eastward, and in a line for Paris. By means of the rudder we instantly effected the necessary change of direction, and our course was brought nearly at right angles to that of the wind; when we set in motion the spring of the screw, and were rejoiced to find it propel us readily as desired.

Upon this we gave nine hearty cheers, and dropped in the sea a bottle, inclosing a slip of parchment with a brief account of the principle of the invention. Hardly, however, had we done with our rejoicings, when an unforeseen accident occurred which discouraged us in no little degree. The steel rod connecting the spring with the propeller was suddenly jerked out of place, at the car end, (by a swaying of the car through some movement of one of the two seamen we had taken up,) and in an instant hung dangling out of reach, from the pivot of the axis of the screw. While we were endeavoring to regain it, our attention being completely absorbed, we became involved in a strong current of wind from the east, which bore us, with rapidly increasing force, toward the Atlantic. We soon found ourselves driving out to sea at the rate of not less, certainly, than fifty or sixty miles an hour, so that we came up with Cape Clear, at some forty miles to our north, before we had secured the rod, and had time to think what we were about. It was now that Mr. Ainsworth made an extraordinary but, to my fancy, a by no means unreasonable or chimerical proposition, in which he was instantly seconded by Mr. Holland—viz.: that we should take advantage of the strong gale which bore us on, and in place of beating back to Paris, make an attempt to reach the coast of North America. After slight reflection, I gave a willing assent to this bold proposition, which (strange

to say) met with objection from the two seamen only. As the stronger party, however, we overruled their fears, and kept resolutely upon our course. We steered due west; but as the trailing of the buoys materially impeded our progress, and we had the balloon abundantly at command, either for ascent or descent, we first threw out fifty pounds of ballast, and then wound up (by means of a windlass) so much of the rope as brought it quite clear of the sea. We perceived the effect of this manœuvre immediately, in a vastly increased rate of progress; and, as the gale freshened, we flew with a velocity nearly inconceivable; the guide-rope flying out behind the car, like a streamer from a vessel. It is needless to say that a very short time sufficed us to lose sight of the coast. We passed over innumerable vessels of all kinds, a few of which were endeavoring to beat up, but the most of them lying to. We occasioned the greatest excitement on board all—an excitement greatly relished by ourselves, and especially by our two men, who, now under the influence of a dram of Geneva, seemed resolved to give all scruple, or fear, to the wind. Many of the vessels fired signal guns; and in all we were saluted with loud cheers (which we heard with surprising distinctness) and the waving of caps and handkerchiefs. We kept on in this manner throughout the day with no material incident, and, as the shades of night closed around us, we made a rough estimate of the distance

traversed. It could not have been less than five hundred miles, and was probably much more. The propeller was kept in constant operation, and, no doubt, aided our progress materially. As the sun went down, the gale freshened into an absolute hurricane, and the ocean beneath was clearly visible on account of its phosphorescence. The wind was from the east all night, and gave us the brightest omen of success. We suffered no little from cold, and the dampness of the atmosphere was most unpleasant; but the ample space in the car enabled us to lie down, and by means of cloaks and a few blankets we did sufficiently well.

"P. S. [by Mr. Ainsworth.] The last nine hours have been unquestionably the most exciting of my life. I can conceive nothing more sublimating than the strange peril and novelty of an adventure such as this. May God grant that we succeed! I ask not success for mere safety to my insignificant person, but for the sake of human knowledge and—for the vastness of the triumph. And yet the feat is only so evidently feasible that the sole wonder is why men have scrupled to attempt it before. One single gale such as now befriends us—let such a tempest whirl forward a balloon for four or five days (these gales often last longer) and the voyager will be easily borne, in that period, from coast to coast. In view of such a gale the broad Atlantic becomes a mere lake. I am more struck, just now, with the supreme silence

which reigns in the sea beneath us, notwithstanding its agitation, than with any other phenomenon presenting itself. The waters give up no voice to the heavens. The immense flaming ocean writhes and is tortured uncomplainingly. The mountainous surges suggest the idea of innumerable dumb gigantic fiends struggling in impotent agony. In a night such as is this to me, a man *lives*—lives a whole century of ordinary life—nor would I forego this rapturous delight for that of a whole century of ordinary existence.

"*Sunday, the 7th.* [Mr. Mason's MS.] This morning the gale, by ten, had subsided to an eight- or nine-knot breeze (for a vessel at sea), and bears us, perhaps, thirty miles per hour, or more. It has veered, however, very considerably to the north; and now, at sundown, we are holding our course due west, principally by the screw and rudder, which answer their purposes to admiration. I regard the project as thoroughly successful, and the easy navigation of the air in any direction (not exactly in the teeth of a gale) as no longer problematical. We could not have made head against the strong wind of yesterday; but, by ascending, we might have got out of its influence, if requisite. Against a pretty stiff breeze, I feel convinced, we can make our way with the propeller. At noon, to-day, ascended to an elevation of nearly 25,000 feet, by discharging ballast. Did this to search for a more direct current, but found

none so favorable as the one we are now in. We have an abundance of gas to take us across this small pond, even should the voyage last three weeks. I have not the slightest fear for the result. The difficulty has been strangely exaggerated and misapprehended. I can choose my current, and should I find *all* currents against me, I can make very tolerable headway with the propeller. We have had no incidents worth recording. The night promises fair.

"P. S. [By Mr. Ainsworth.] I have little to record, except the fact (to me quite a surprising one) that, at an elevation equal to that of Cotopaxi, I experienced neither very intense cold, nor headache, nor difficulty of breathing; neither, I find, did Mr. Mason, nor Mr. Holland, nor Sir Everard. Mr. Osborne complained of constriction of the chest -but this soon wore off. We have flown at a great rate during the day, and we must be more than half way across the Atlantic. We have passed over some twenty or thirty vessels of various kinds, and all seem to be delightfully astonished. Crossing the ocean in a balloon is not so difficult a feat after all. *Omne ignotum pro magnifico. Mem.*: at 25,000 feet elevation the sky appears nearly black, and the stars are distinctly visible; while the sea does not seem convex (as one might suppose) but absolutely and most unequivocally *concave*.*

* "*Note.* Mr. Ainsworth has not attempted to account for this phenomenon, which, however, is quite susceptible of ex-

"*Monday, the 8th.* [Mr. Mason's MS.] This morning we had again some little trouble with the rod of the propeller, which must be entirely remodelled, for fear of serious accident—I mean the steel rod, not the vanes. The latter could not be improved. The wind has been blowing steadily and strongly from the northeast all day; and so far fortune seems bent upon favoring us. Just before day, we were all somewhat alarmed at some odd noises and concussions in the balloon, accompanied with the apparent rapid subsidence of the whole machine. These phenomena were occasioned by the expansion of the gas, through increase of heat in the atmosphere, and the consequent disruption of the minute particles of ice with which the network had become encrusted during the night. Threw down several bottles to the vessels below. See one of them picked up by a large ship—seemingly one of the New York line packets. Endeavored to make out her

planation. A line dropped from an elevation of 25,000 feet, perpendicularly to the surface of the earth (or sea), would form the perpendicular of a right-angled triangle, of which the base would extend from the right angle to the horizon, and the hypothenuse from the horizon to the balloon. But the 25,000 feet of altitude is little or nothing, in comparison with the extent of the prospect. In other words, the base and hypothenuse of the supposed triangle would be so long, when compared with the perpendicular, that the two former may be regarded as nearly parallel. In this manner the horizon of the aëronaut would appear to be *on a level* with the car. But, as the point immediately beneath him seems, and is, at a great distance below him, it seems, of course, also, at a great distance below the horizon. Hence the impression of *concavity*; and this impression must remain, until the elevation shall bear so great a proportion to the extent of prospect, that the apparent parallelism of the base and hypothenuse disappears—when the earth's real convexity must become apparent.

name, but could not be sure of it. Mr. Osborne's telescope made it out something like 'Atalanta.' It is now twelve at night, and we are still going nearly west, at a rapid pace. The sea is peculiarly phosphorescent.

"P. S. [By Mr. Ainsworth.] It is now two A. M., and nearly calm, as well as I can judge —but it is very difficult to determine this point, since we move *with* the air so completely. I have not slept since quitting Wheal-Vor, but can stand it no longer, and must take a nap. We cannot be far from the American coast.

"*Tuesday, the 9th.* [Mr. Ainsworth's MS.] *One*, P. M. *We are in full view of the low coast of South Carolina.* The great problem is accomplished. We have crossed the Atlantic —fairly and *easily* crossed it in a balloon! God be praised! Who shall say that any thing is impossible hereafter?"

The Journal here ceases. Some particulars of the descent were communicated, however, by Mr. Ainsworth to Mr. Forsyth. It was nearly dead calm when the voyagers first came in view of the coast, which was immediately recognized by both the seamen, and by Mr. Osborne. The latter gentleman having acquaintances at Fort Moultrie, it was immediately resolved to descend in its vicinity. The balloon was brought over the beach (the tide being out and the sand hard, smooth, and admirably adapted for a descent), and the grapnel let go, which took firm

hold at once. The inhabitants of the island, and of the fort, thronged out, of course, to see the balloon; but it was with the greatest difficulty that any one could be made to credit the actual voyage—*the crossing of the Atlantic.* The grapnel caught at two P. M. precisely; and thus the whole voyage was completed in seventy-five hours; or rather less, counting from shore to shore. No serious accident occurred. No real danger was at any time apprehended. The balloon was exhausted and secured without trouble; and when the MS. from which this narrative is compiled was despatched from Charleston, the party were still at Fort Moultrie. Their further intentions were not ascertained; but we can safely promise our readers some additional information either on Monday or in the course of the next day, at furthest.

This is unquestionably the most stupendous, the most interesting, and the most important undertaking ever accomplished or even attempted by man. What magnificent events may ensue, it would be useless now to think of determining.

MS. FOUND IN A BOTTLE.

Qui n'a plus qu'un moment a vivre
N'a plus rien a dissimuler.

Quinault—Atys.

Of my country and of my family I have little to say. Ill usage and length of years have driven me from the one, and estranged me from the other. Hereditary wealth afforded me an education of no common order, and a contemplative turn of mind enabled me to methodise the stores which early study diligently garnered up. Beyond all things, the works of the German moralists gave me great delight; not from my ill-advised admiration of their eloquent madness, but from the ease with which my habits of rigid thoughts enabled me to detect their falsities. I have often been reproached with the aridity of my genius; a deficiency of imagination has been imputed to me as a crime; and the Pyrrhonism of my opinions has at all times rendered me notorious. Indeed, a strong relish for physical philosophy has, I fear, tinctured my mind with a very common error of this age—I mean the habit of referring occurrences, even the least susceptible of such reference, to the principles of that science. Upon

the whole, no person could be less liable than myself to be led away from the severe precincts of truth by the *ignes fatui* of superstition. I have thought proper to premise thus much, lest the incredible tale I have to tell should be considered rather the raving of a crude imagination, than the positive experience of a mind to which the reveries of fancy have been a dead letter and a nullity.

After many years spent in foreign travel, I sailed in the year 18—, from the port of Batavia, in the rich and populous island of Java, on a voyage to the Archipelago Islands. I went as passenger—having no other inducement than a kind of nervous restlessness which haunted me as a fiend.

Our vessel was a beautiful ship of about four hundred tons, copper-fastened, and built at Bombay of Malabar teak. She was freighted with cotton-wool and oil, from the Lachadive Islands. We had also on board coir, jaggeree, ghee, cocoanuts, and a few cases of opium. The stowage was clumsily done, and the vessel consequently crank.

We got under way with a mere breath of wind, and for many days stood along the eastern coast of Java, without any other incident to beguile the monotony of our course than the occasional meeting with some of the small grabs of the Archipelago to which we were bound.

One evening, leaning over the taffrail, I observed a very singular isolated cloud, to the

N. W. It was remarkable, as well from its color as from its being the first we had seen since our departure from Batavia. I watched it attentively until sunset, when it spread all at once to the eastward and westward, girting in the horizon with a narrow strip of vapor, and looking like a long line of low beach. My notice was soon afterward attracted by the dusky-red appearance of the moon, and the peculiar character of the sea. The latter was undergoing a rapid change, and the water seemed more than usually transparent. Although I could distinctly see the bottom, yet, heaving the lead, I found the ship in fifteen fathoms. The air now became intolerably hot, and was loaded with spiral exhalations similar to those arising from heated iron. As night came on, every breath of wind died away, and a more entire calm it is impossible to conceive. The flame of a candle burned upon the poop without the least perceptible motion, and a long hair, held between the finger and thumb, hung without the possibility of detecting a vibration. However, as the captain said he could perceive no indication of danger, and as we were drifting in bodily to shore, he ordered the sails to be furled, and the anchor let go. No watch was set, and the crew, consisting principally of Malays, stretched themselves deliberately upon deck. I went below—not without a full presentiment of evil. Indeed, every appearance warranted me in apprehending a Simoon. I

told the captain of my fears; but he paid no attention to what I said, and left me without deigning to give a reply. My uneasiness, however, prevented me from sleeping, and about midnight I went upon deck. As I placed my foot upon the upper step of the companion-ladder, I was startled by a loud, humming noise, like that occasioned by the rapid revolution of a mill-wheel, and before I could ascertain its meaning, I found the ship quivering to its centre. In the next instant a wilderness of foam hurled us upon our beam-ends, and, rushing over us fore and aft, swept the entire decks from stem to stern.

The extreme fury of the blast proved, in a great measure, the salvation of the ship. Although completely water-logged, yet, as her masts had gone by the board, she rose, after a minute, heavily from the sea, and, staggering awhile beneath the immense pressure of the tempest, finally righted.

By what miracle I escaped destruction, it is impossible to say. Stunned by the shock of the water, I found myself, upon recovery, jammed in between the stern-post and rudder. With great difficulty I regained my feet, and looking dizzily around, was at first struck with the idea of our being among breakers; so terrific, beyond the wildest imagination, was the whirlpool of mountainous and foaming ocean within which we were engulfed. After a while I heard the voice of an old Swede, who had

shipped with us at the moment of leaving port. I hallooed to him with all my strength, and presently he came reeling aft. We soon discovered that we were the sole survivors of the accident. All on deck, with the exception of ourselves, had been swept overboard; the captain and mates must have perished while they slept, for the cabins were deluged with water. Without assistance we could expect to do little for the security of the ship, and our exertions were at first paralyzed by the momentary expectation of going down. Our cable had, of course, parted like pack-thread, at the first breath of the hurricane, or we should have been instantaneously overwhelmed. We scudded with frightful velocity before the sea, and the water made clear breaches over us. The framework of our stern was shattered excessively, and, in almost every respect, we had received considerable injury; but to our extreme joy we found the pumps unchoked, and that we had made no great shifting of our ballast. The main fury of the blast had already blown over, and we apprehended little danger from the violence of the wind; but we looked forward to its total cessation with dismay; well believing, that in our shattered condition, we should inevitably perish in the tremendous swell which would ensue. But this very just apprehension seemed by no means likely to be soon verified. For five entire days and nights — during which our only subsistence was a small quantity of jag-

geree, procured with great difficulty from the forecastle—the hulk flew at a rate defying computation, before rapidly succeeding flaws of wind, which, without equalling the first violence of the Simoon, were still more terrific than any tempest I had before encountered. Our course for the first four days was, with trifling variations, S. E. and by S.; and we must have run down the coast of New Holland. On the fifth day the cold became extreme, although the wind had hauled round a point more to the northward. The sun arose with a sickly yellow lustre, and clambered a very few degrees above the horizon—emitting no decisive light. There were no clouds apparent, yet the wind was upon the increase, and blew with a fitful and unsteady fury. About noon, as nearly as we could guess, our attention was again arrested by the appearance of the sun. It gave out no light, properly so called, but a dull and sullen glow without reflection, as if all its rays were polarized. Just before sinking within the turgid sea, its central fires suddenly went out, as if hurriedly extinguished by some unaccountable power. It was a dim, silver-like rim, alone, as it rushed down the unfathomable ocean.

We waited in vain for the arrival of the sixth day—that day to me has not yet arrived—to the Swede never did arrive. Thenceforward we were enshrouded in pitchy darkness, so that we could not have seen an object at twenty

paces from the ship. Eternal night continued to envelope us, all unrelieved by the phosphoric sea-brilliancy to which we had been accustomed in the tropics. We observed, too, that, although the tempest continued to rage with unabated violence, there was no longer to be discovered the usual appearance of surf, or foam, which had hitherto attended us. All around were horror, and thick gloom, and a black sweltering desert of ebony. Superstitious terror crept by degrees into the spirit of the old Swede, and my own soul was wrapt in silent wonder. We neglected all care of the ship, as worse than useless, and securing ourselves as well as possible, to the stump of the mizzen-mast, looked out bitterly into the world of ocean. We had no means of calculating time, nor could we form any guess of our situation. We were, however, well aware of having made farther to the southward than any previous navigators, and felt great amazement at not meeting with the usual impediments of ice. In the meantime every moment threatened to be our last —every mountainous billow hurried to overwhelm us. The swell surpassed anything I had imagined possible, and that we were not instantly buried is a miracle. My companion spoke of the lightness of our cargo, and reminded me of the excellent qualities of our ship; but I could not help feeling the utter hopelessness of hope itself, and prepared myself gloomily for that death which I thought

nothing could defer beyond an hour, as, with every knot of way the ship made, the swelling of the black stupendous seas became more dismally appalling. At times we gasped for breath at an elevation beyond the albatross—at times became dizzy with the velocity of our descent into some watery hell, where the air grew stagnant, and no sound disturbed the slumbers of the kraken.

We were at the bottom of one of these abysses, when a quick scream from my companion broke fearfully upon the night. "See! see!" cried he, shrieking in my ears, "Almighty God! see! see!" As he spoke I became aware of a dull sullen glare of red light which streamed down the sides of the vast chasm where we lay, and threw a fitful brilliancy upon our deck. Casting my eyes upwards, I beheld a spectacle which froze the current of my blood. At a terrific height directly above us, and upon the very verge of the precipitous descent, hovered a gigantic ship of perhaps four thousand tons. Although upreared upon the summit of a wave more than a hundred times her own altitude, her apparent size still exceeded that of any ship of the line or East Indiaman in existence. Her huge hull was of a deep dingy black, unrelieved by any of the customary carvings of a ship. A single row of brass cannon protruded from her open ports, and dashed from the polished surfaces the fires of innumerable battle-lanterns which swung to and fro about

her rigging. But what mainly inspired us with horror and astonishment, was that she bore up under a press of sail in the very teeth of that supernatural sea, and of that ungovernable hurricane. When we first discovered her, her bows were alone to be seen, as she rose slowly from the dim and horrible gulf beyond her. For a moment of intense terror she paused upon the giddy pinnacle as if in contemplation of her own sublimity, then trembled, and tottered, and—came down.

At this instant, I know not what sudden self-possession came over my spirit. Staggering as far aft as I could, I awaited fearlessly the ruin that was to overwhelm. Our own vessel was at length ceasing from her struggles, and sinking with her head to the sea. The shock of the descending mass struck her, consequently, in that portion of her frame which was nearly under water, and the inevitable result was to hurl me, with irresistible violence, upon the rigging of the stranger.

As I fell, the ship hove in stays, and went about; and to the confusion ensuing I attributed my escape from the notice of the crew. With little difficulty I made my way, unperceived, to the main hatchway, which was partially open, and soon found an opportunity of secreting myself in the hold. Why I did so I can hardly tell. An indefinite sense of awe, which at first sight of the navigators of the ship had taken hold of my mind, was perhaps the

principle of my concealment. I was unwilling to trust myself with a race of people who had offered, to the cursory glance I had taken, so many points of vague novelty, doubt, and apprehension. I therefore thought proper to contrive a hiding-place in the hold. This I did by removing a small portion of the shifting-boards, in such a manner as to afford me a convenient retreat between the huge timbers of the ship.

I had scarcely completed my work, when a footstep in the hold forced me to make use of it. A man passed by my place of concealment with a feeble and unsteady gait. I could not see his face, but had an opportunity of observing his general appearance. There was about it an evidence of great age and infirmity. His knees tottered beneath a load of years, and his entire frame quivered under the burthen. He muttered to himself, in a low broken tone, some words of a language which I could not understand, and groped in a corner among a pile of singular-looking instruments, and decayed charts of navigation. His manner was a wild mixture of the peevishness of second childhood, and the solemn dignity of a God. He at length went on deck, and I saw him no more.

* * * * * *

A feeling, for which I have no name, has taken possession of my soul—a sensation which will admit of no analysis, to which the lessons of by-gone time are inadequate, and for which

I fear futurity itself will offer me no key. To a mind constituted like my own, the latter consideration is an evil. I shall never—I know that I shall never—be satisfied with regard to the nature of my conceptions. Yet it is not wonderful that these conceptions are indefinite, since they have their origin in sources so utterly novel. A new sense—a new entity is added to my soul.

* * * * * *

It is long since I first trod the deck of this terrible ship, and the rays of my destiny are, I think, gathering to a focus. Incomprehensible men! Wrapped up in meditations of a kind which I cannot divine, they pass me by unnoticed. Concealment is utter folly on my part, for the people *will not* see. It is but just now that I passed directly before the eyes of the mate; it was no long while ago that I ventured into the captain's own private cabin, and took thence the materials with which I write, and have written. I shall from time to time continue this journal. It is true that I may not find an opportunity of transmitting it to the world, but I will not fail to make the endeavor. At the last moment I will enclose the MS. in a bottle, and cast it within the sea.

* * * * * *

An incident has occurred which has given me new room for meditation. Are such things the operation of ungoverned chance? I had ventured upon deck and thrown myself down,

without attracting any notice, among a pile of ratlin-stuff and old sails, in the bottom of the yawl. While musing upon the singularity of my fate, I unwittingly daubed with a tar-brush the edges of a neatly-folded studding-sail which lay near me on a barrel. The studding-sail is now bent upon the ship, and the thoughtless touches of the brush are spread out into the word DISCOVERY.

I have made my observations lately upon the structure of the vessel. Although well armed, she is not, I think, a ship of war. Her rigging, build, and general equipment, all negative a supposition of this kind. What she *is not,* I can easily perceive; what she *is,* I fear it is impossible to say. I know not how it is, but in scrutinizing her strange model and singular cast of spars, her huge size and overgrown suits of canvas, her severely simple bow and antiquated stern, there will occasionally flash across my mind a sensation of familiar things, and there is always mixed up with such indistinct shadows of recollection, an unaccountable memory of old foreign chronicles and ages long ago. * * * *

I have been looking at the timbers of the ship. She is built of a material to which I am a stranger. There is a peculiar character about the wood which strikes me as rendering it unfit for the purpose to which it has been applied. I mean its extreme *porousness,* considered independently of the worm-eaten condition which

is a consequence of navigation in these seas, and apart from the rottenness attendant upon age. It will appear perhaps an observation somewhat over-curious, but this would have every characteristic of Spanish oak, if Spanish oak were distended by any unnatural means.

In reading the above sentence, a curious apothegm of an old weather-beaten Dutch navigator comes full upon my recollection. "It is as sure," he was wont to say, when any doubt was entertained of his veracity, "as sure as there is a sea where the ship itself will grow in bulk like the living body of the seaman." * * *

About an hour ago, I made bold to trust myself among a group of the crew. They paid no manner of attention, and, although I stood in the very midst of them all, seemed utterly unconscious of my presence. Like the one I had at first seen in the hold, they all bore about them the marks of a hoary old age. Their knees trembled with infirmity; their shoulders were bent double with decrepitude; their shrivelled skins rattled in the wind; their voices were low, tremulous, and broken; their eyes glistened with the rheum of years; and their gray hairs streamed terribly in the tempest. Around them, on every part of the deck, lay scattered mathematical instruments of the most quaint and obsolete construction. * * *

I mentioned, some time ago, the bending of a studding-sail. From that period, the ship,

being thrown dead off the wind, has continued her terrific course due south, with every rag of canvas packed upon her, from her truck to her lower studding-sail booms, and rolling every moment her top-gallant yard-arms into the most appalling hell of water which it can enter into the mind of man to imagine. I have just left the deck, where I find it impossible to maintain a footing, although the crew seem to experience little inconvenience. It appears to me a miracle of miracles that our enormous bulk is not swallowed up at once and forever. We are surely doomed to hover continually upon the brink of eternity, without taking a final plunge into the abyss. From billows a thousand times more stupendous than any I have ever seen, we glide away with the facility of the arrowy sea-gull; and the colossal waters rear their heads above us like demons of the deep, but like demons confined to simple threats, and forbidden to destroy. I am led to attribute these frequent escapes to the only natural cause which can account for such effect. I must suppose the ship to be within the influence of some strong current, or impetuous under-tow. * * *

I have seen the captain face to face, and in his own cabin—but, as I expected, he paid me no attention. Although in his appearance there is, to a casual observer, nothing which might bespeak him more or less than man, still, a feeling of irrepressible reverence and awe mingled with the sensation of wonder with

which I regarded him. In stature, he is nearly my own height; that is, about five feet eight inches. He is of a well-knit and compact frame of body, neither robust nor remarkable otherwise. But it is the singularity of the expression which reigns upon the face—it is the intense, the wonderful, the thrilling evidence of old age so utter, so extreme, which excites within my spirit a sense—a sentiment ineffable. His forehead, although little wrinkled, seems to bear upon it the stamp of a myriad of years. His gray hairs are records of the past, and his grayer eyes are sybils of the future. The cabin floor was thickly strewn with strange, iron-clasped folios, and mouldering instruments of science, and obsolete, long-forgotten charts. His head was bowed down upon his hands, and he pored, with a fiery, unquiet eye, over a paper which I took to be a commission, and which, at all events, bore the signature of a monarch. He murmured to himself —as did the first seaman whom I saw in the hold—some low peevish syllables of a foreign tongue; and although the speaker was close at my elbow, his voice seemed to reach my ears from the distance of a mile. * * *

The ship and all in it are imbued with the spirit of Eld. The crew glide to and fro like the ghosts of buried centuries; their eyes have an eager and uneasy meaning; and when their fingers fall athwart my path in the wild glare of the battle-lanterns, I feel as I have never

felt before, although I have been all my life a dealer in antiquities, and have imbibed the shadows of fallen columns at Balbec, and Tadmor, and Persepolis, until my very soul has become a ruin. * * *

When I look around me, I feel ashamed of my former apprehension. If I trembled at the blast which has hitherto attended us, shall I not stand aghast at a warring of wind and ocean, to convey any idea of which, the words tornado and simoon are trivial and ineffective? All in the immediate vicinity of the ship, is the blackness of eternal night, and a chaos of foamless water; but, about a league on either side of us, may be seen, indistinctly and at intervals, stupendous ramparts of ice, towering away into the desolate sky, and looking like the walls of the universe. * * *

As I imagined, the ship proves to be in a current—if that appellation can properly be given to a tide which, howling and shrieking by the white ice, thunders on to the southward with a velocity like the headlong dashing of a cataract. * * *

To conceive the horror of my sensations is, I presume, utterly impossible; yet a curiosity to penetrate the mysteries of these awful regions, predominates even over my despair, and will reconcile me to the most hideous aspect of death. It is evident that we are hurrying onward to some exciting knowledge—some never-to-be-imparted secret, whose attainment is de-

struction. Perhaps this current leads us to the southern pole itself. It must be confessed that a supposition apparently so wild has every probability in its favor. * * *

The crew pace the deck with unquiet and tremulous step; but there is upon their countenance and expression more of the eagerness of hope than of the apathy of despair.

In the meantime the wind is still in our poop, and, as we carry a crowd of canvas, the ship is at times lifted bodily from out the sea! Oh, horror upon horror!—the ice opens suddenly to the right, and to the left, and we are whirling dizzily, in immense concentric circles, round and round the borders of a gigantic amphitheatre, the summit of whose walls is lost in the darkness and the distance. But little time will be left me to ponder upon my destiny! The circles rapidly grow small—we are plunging madly within the grasp of the whirlpool—and amid a roaring, and bellowing, and thundering of ocean and tempest, the ship is quivering—oh God! and—going down!

Note.- The "MS. Found in a Bottle," was originally published in 1831, and it was not until many years afterward that I became acquainted with the maps of Mercator, in which the ocean is represented as rushing, by four mouths, into the (northern) Polar Gulf, to be absorbed into the bowels of the earth; the Pole itself being represented by a black rock towering to a prodigious height.

THE OVAL PORTRAIT.

THE château into which my valet had ventured to make forcible entrance, rather than permit me, in my desperately wounded condition, to pass a night in the open air, was one of those piles of commingled gloom and grandeur which have so long frowned among the Appennines, not less in fact than in the fancy of Mrs. Radcliffe. To all appearance it had been temporarily and very lately abandoned. We established ourselves in one of the smallest and least sumptuously furnished apartments. It lay in a remote turret of the building. Its decorations were rich, yet tattered and antique. Its walls were hung with tapestry and bedecked with manifold and multiform armorial trophies, together with an unusually great number of very spirited modern paintings in frames of rich golden arabesque. In these paintings, which depended from the walls not only in their main surfaces, but in very many nooks which the bizarre architecture of the château rendered necessary—in these paintings my incipient delirium, perhaps, had caused me to take deep interest; so that I bade Pedro to close the heavy shutters of the room—since it was

already night,—to light the tongues of a tall candelabrum which stood by the head of my bed, and to throw open far and wide the fringed curtains of black velvet which enveloped the bed itself. I wished all this done that I might resign myself, if not to sleep, at least alternately to the contemplation of these pictures, and the perusal of a small volume which had been found upon the pillow, and which purported to criticise and describe them.

Long, long I read—and devoutly, devoutly I gazed. Rapidly and gloriously the hours flew by and the deep midnight came. The position of the candelabrum displeased me, and outreaching my hand with difficulty, rather than disturb my slumbering valet, I placed it so as to throw its rays more fully upon the book.

But the action produced an effect altogether unanticipated. The rays of the numerous candles (for there were many) now fell within a niche of the room which had hitherto been thrown into deep shade by one of the bedposts. I thus saw in vivid light a picture all unnoticed before. It was the portrait of a young girl just ripening into womanhood. I glanced at the painting hurriedly, and then closed my eyes. Why I did this was not at first apparent even to my own perception. But while my lids remained thus shut, I ran over in mind my reason for so shutting them. It was an impulsive movement to gain time for thought—to make sure that my vision had not

deceived me—to calm and subdue my fancy for a more sober and more certain gaze. In a very few moments I again looked fixedly at the painting.

That I now saw aright I could not and would not doubt; for the first flashing of the candles upon that canvas had seemed to dissipate the dreamy stupor which was stealing over my senses, and to startle me at once into waking life.

The portrait, I have already said, was that of a young girl. It was a mere head and shoulders, done in what is technically termed a *vignette* manner; much in the style of the favorite heads of Sully. The arms, the bosom, and even the ends of the radiant hair melted imperceptibly into the vague yet deep shadow which formed the background of the whole. The frame was oval, richly gilded and filigreed in *Moresque*. As a thing of art nothing could be more admirable than the painting itself. But it could have been neither the execution of the work, nor the immortal beauty of the countenance, which had so suddenly and so vehemently moved me. Least of all, could it have been that my fancy, shaken from its half slumber, had mistaken the head for that of a living person. I saw at once that the peculiarities of the design, of the *vignetting*, and of the frame, must have instantly dispelled such idea —must have prevented even its momentary entertainment. Thinking earnestly upon these

points, I remained, for an hour perhaps, half sitting, half reclining, with my vision riveted upon the portrait. At length, satisfied with the true secret of its effect, I fell back within the bed. I had found the spell of the picture in an absolute *life-likeliness* of expression, which, at first startling, finally confounded, subdued, and appalled me. With deep and reverent awe I replaced the candelabrum in its former position. The cause of my deep agitation being thus shut from view, I sought eagerly the volume which discussed the paintings and their histories. Turning to the number which designated the oval portrait, I there read the vague and quaint words which follow:

"She was a maiden of rarest beauty, and not more lovely than full of glee. And evil was the hour when she saw, and loved, and wedded the painter. He, passionate, studious, austere, and having already a bride in his Art: she a maiden of rarest beauty, and not more lovely than full of glee; all light and smiles, and frolicsome as the young fawn; loving and cherishing all things; hating only the Art which was her rival; dreading only the pallet and brushes and other untoward instruments which deprived her of the countenance of her lover. It was thus a terrible thing for this lady to hear the painter speak of his desire to portray even his young bride. But she was humble and obedient, and sat meekly for many weeks in the dark high turret-chamber where the light

dripped upon the pale canvas only from overhead. But he, the painter, took glory in his work, which went on from hour to hour, and from day to day. And he was a passionate, and wild, and moody man, who became lost in reveries; so that he *would* not see that the light which fell so ghastly in that lone turret withered the health and the spirits of his bride, who pined visibly to all but him. Yet she smiled on and still on, uncomplainingly, because she saw that the painter (who had high renown) took a fervid and burning pleasure in his task, and wrought day and night to depict her who so loved him, yet who grew daily more dispirited and weak. And in sooth some who beheld the portrait spoke of its resemblance in low words, as of a mighty marvel, and a proof not less of the power of the painter than of his deep love for her whom he depicted so surpassingly well. But at length, as the labor drew nearer to its conclusion, there were admitted none into the turret; for the painter had grown wild with the ardor of his work, and turned his eyes from the canvas rarely, even to regard the countenance of his wife. And he *would* not see that the tints which he spread upon the canvas were drawn from the cheeks of her who sat beside him. And when many weeks had passed, and but little remained to do, save one brush upon the mouth and one tint upon the eye, the spirit of the lady again flickered up as the flame within the socket of the

lamp. And then the brush was given, and then the tint was placed; and, for one moment, the painter stood entranced before the work which he had wrought; but in the next, while he yet gazed, he grew tremulous and very pallid, and aghast, and crying with a loud voice, 'This is indeed *Life* itself!' turned suddenly to regard his beloved:—*She was dead!*"

PART III

THE PURLOINED LETTER.

Nil sapientiæ odiosius acumine nimio.—*Seneca.*

At Paris, just after dark one gusty evening in the autumn of 18—, I was enjoying the two-fold luxury of meditation and a meerschaum, in company with my friend, C. Auguste Dupin, in his little back library, or book-closet, *au troisième*, No. 33 *Rue Dunôt, Faubourg St. Germain.* For one hour at least we had maintained a profound silence; while each, to any casual observer, might have seemed intently and exclusively occupied with the curling eddies of smoke that oppressed the atmosphere of the chamber. For myself, however, I was mentally discussing certain topics which had formed matter for conversation between us at an earlier period of the evening; I mean the affair of the Rue Morgue, and the mystery attending the murder of Marie Rogêt. I looked upon it, therefore, as something of a coincidence, when the door of our apartment was thrown open and admitted our old acquaintance, Monsieur G——, the Prefect of the Parisian police.

We gave him a hearty welcome; for there was

nearly half as much of the entertaining as of the contemptible about the man, and we had not seen him for several years. We had been sitting in the dark, and Dupin now arose for the purpose of lighting a lamp, but sat down again, without doing so, upon G.'s saying that he had called to consult us, or rather to ask the opinion of my friend, about some official business which had occasioned a great deal of trouble.

"If it is any point requiring reflection," observed Dupin, as he forebore to enkindle the wick, "we shall examine it to better purpose in the dark."

"That is another of your odd notions," said the Prefect, who had the fashion of calling every thing "odd" that was beyond his comprehension, and thus lived amid an absolute legion of "oddities."

"Very true," said Dupin, as he supplied his visitor with a pipe, and rolled toward him a comfortable chair.

"And what is the difficulty now?" I asked. "Nothing more in the assassination way I hope?"

"Oh, no; nothing of that nature. The fact is, the business is *very* simple indeed, and I make no doubt that we can manage it sufficiently well ourselves; but then I thought Dupin would like to hear the details of it, because it is so excessively *odd*."

"Simple and odd," said Dupin.

"Why, yes; and not exactly that either.

The fact is, we have all been a good deal puzzled because the affair *is* so simple, and yet baffles us altogether."

"Perhaps it is the very simplicity of the thing which puts you at fault," said my friend.

"What nonsense you *do* talk!" replied the Prefect, laughing heartily.

"Perhaps the mystery is a little *too* plain," said Dupin.

"Oh, good heavens! who ever heard of such an idea?"

"A little *too* self-evident."

"Ha! ha! ha!—ha! ha! ha!—ho! ho! ho!" roared our visitor, profoundly amused, "oh, Dupin, you will be the death of me yet!"

"And what, after all, *is* the matter on hand?" I asked.

"Why, I will tell you," replied the Prefect, as he gave a long, steady, and contemplative puff, and settled himself in his chair. "I will tell you in a few words; but, before I begin, let me caution you that this is an affair demanding the greatest secrecy, and that I should most probably lose the position I now hold, were it known that I confided it to any one."

"Proceed," said I.

"Or not," said Dupin.

"Well, then; I have received personal information, from a very high quarter, that a certain document of the last importance has been purloined from the royal apartments. The individual who purloined it is known; this beyond

a doubt; he was seen to take it. It is known, also, that it still remains in his possession."

"How is this known?" asked Dupin.

"It is clearly inferred," replied the Prefect, "from the nature of the document, and from the non-appearance of certain results which would at once arise from its passing *out* of the robber's possession—that is to say, from his employing it as he must design in the end to employ it."

"Be a little more explicit," I said.

"Well, I may venture so far as to say that the paper gives its holder a certain power in a certain quarter where such power is immensely valuable. The Prefect was fond of the cant of diplomacy.

"Still I do not quite understand," said Dupin.

"No? Well; the disclosure of the document to a third person, who shall be nameless, would bring in question the honor of a personage of most exalted station; and this fact gives the holder of the document an ascendancy over the illustrious personage whose honor and peace are so jeopardized."

"But this ascendancy," I interposed, "would depend upon the robber's knowledge of the loser's knowledge of the robber. Who would dare—"

"The thief," said G., "is the Minister D——, who dares all things, those unbecoming as well as those becoming a man. The method of the theft was not less ingenious than bold.

The document in question— a letter, to be frank —had been received by the personage robbed while alone in the royal *boudoir*. During its perusal she was suddenly interrupted by the entrance of the other exalted personage from whom especially it was her wish to conceal it. After a hurried and vain endeavor to thrust it in a drawer, she was forced to place it, open as it was, upon a table. The address, however, was uppermost, and, the contents thus unexposed, the letter escaped notice. At this juncture enters the Minister D——. His lynx eye immediately perceives the paper, recognizes the handwriting of the address, observes the confusion of the personage addressed, and fathoms her secret. After some business transactions, hurried through in his ordinary manner, he produces a letter somewhat similar to the one in question, opens it, pretends to read it, and then places it in close juxtaposition to the other, Again he converses, for some fifteen minutes, upon the public affairs. At length, in taking leave, he takes also from the table the letter to which he had no claim. Its rightful owner saw, but, of course, dared not call attention to the act, in the presence of the third personage who stood at her elbow. The minister decamped; leaving his own letter—one of no importance —upon the table."

"Here, then," said Dupin to me, "you have precisely what you demand to make the ascend-

ancy complete—the robber's knowledge of the loser's knowledge of the robber."

"Yes," replied the Prefect; "and the power thus attained has, for some months past, been wielded, for political purposes, to a very dangerous extent. The personage robbed is more thoroughly convinced, every day, of the necessity of reclaiming her letter. But this, of course, cannot be done openly. In fine, driven to despair, she has committed the matter to me."

"Than whom," said Dupin, amid a perfect whirlwind of smoke, "no more sagacious agent could, I suppose, be desired, or even imagined."

"You flatter me," replied the Prefect; "but it is possible that some such opinion may have been entertained."

"It is clear," said I, "as you observe, that the letter is still in the possession of the minister; since it is this possession, and not any employment of the letter, which bestows the power. With the employment the power departs."

"True," said G.; "and upon this conviction I proceeded. My first care was to make thorough search of the minister's hotel; and here my chief embarrassment lay in the necessity of searching without his knowledge. Beyond all things, I have been warned of the danger which would result from giving him reason to suspect our design."

"But," said I, "you are quite *au fait* in these

investigations. The Parisian police have done this thing often before."

"Oh, yes; and for this reason I did not despair. The habits of the minister gave me, too, a great advantage. He is frequently absent from home all night. His servants are by no means numerous. They sleep at a distance from their master's apartment, and, being chiefly Neapolitans, are readily made drunk. I have keys, as you know, with which I can open any chamber or cabinet in Paris. For three months a night has not passed, during the greater part of which I have not been engaged, personally, in ransacking the D—— Hotel. My honor is interested, and, to mention a great secret, the reward is enormous. So I did not abandon the search until I had become fully satisfied that the thief is a more astute man than myself. I fancy that I have investigatel every nook and corner of the premises in which it is possible that the paper can be concealed."

"But is it not possible," I suggested, "that although the letter may be in possession of the minister, as it unquestionably is, he may have concealed it elsewhere than upon his own premises?"

"This is barely possible," said Dupin. "The present peculiar condition of affairs at court, and especially of those intrigues in which D—— is known to be involved, would render the instant availability of the document—its susceptibility of being produced at a moment's

notice—a point of nearly equal importance with its possession."

"Its susceptibility of being produced?" said I.

"That is to say, of being *destroyed*," said Dupin.

"True," I observed; "the paper is clearly then upon the premises. As for its being upon the person of the minister, we may consider that as out of the question."

"Entirely," said the Prefect. "He has been twice waylaid, as if by footpads, and his person rigidly searched under my own inspection."

"You might have spared yourself this trouble," said Dupin. "D——, I presume, is not altogether a fool, and, if not, must have anticipated these waylayings, as a matter of course."

"Not *altogether* a fool," said G., "but then he is a poet, which I take to be only one remove from a fool."

"True," said Dupin, after a long and thoughtful whiff from his meerschaum, "although I have been guilty of certain doggerel myself."

"Suppose you detail," said I, "the particulars of your search."

"Why, the fact is, we took our time, and we searched *everywhere*. I have had long experience in these affairs. I took the entire building, room by room; devoting the nights of a whole week to each. We examined, first, the

furniture of each apartment. We opened every possible drawer; and I presume you know that, to a properly trained police-agent, such a thing as a '*secret*' drawer is impossible. Any man is a dolt who permits a 'secret' drawer to escape him in a search of this kind. The thing is *so* plain. There is a certain amount of bulk—of space—to be accounted for in every cabinet. Then we have accurate rules. The fiftieth part of a line could not escape us. After the cabinets we took the chairs. The cushions we probed with the fine long needles you have seen me employ. From the tables we removed the tops."

"Why so?"

"Sometimes the top of a table, or other similarly arranged piece of furniture, is removed by the person wishing to conceal an article; then the leg is excavated, the article deposited within the cavity, and the top replaced. The bottoms and tops of bedposts are employed in the same way."

"But could not the cavity be detected by sounding?" I asked.

"By no means, if, when the article is deposited, a suflicient wadding of cotton be placed around it. Besides, in our case, we were obliged to proceed without noise."

"But you could not have removed—you could not have taken to pieces *all* articles of furniture in which it would have been possible to make a deposit in the manner you mention.

A letter may be compressed into a thin spiral roll, not differing much in shape or bulk from a large knitting-needle, and in this form it might be inserted into the rung of a chair, for example. You did not take to pieces all the chairs?"

"Certainly not; but we did better—we examined the rungs of every chair in the hotel, and, indeed, the jointings of every description of furniture, by the aid of a most powerful microscope. Had there been any traces of recent disturbance we should not have failed to detect it instantly. A single grain of gimlet-dust, for example, would have been as obvious as an apple. Any disorder in the gluing—any unusual gaping in the joints—would have sufficed to insure detection."

"I presume you looked to the mirrors, between the boards and the plates, and you probed the beds and the bedclothes, as well as the curtains and carpets."

"That of course; and when we had absolutely completed every particle of the furniture in this way, then we examined the house itself. We divided its entire surface into compartments, which we numbered, so that none might be missed; then we scrutinized each individual square inch throughout the premises, including the two houses immediately adjoining, with the microscope, as before."

"The two houses adjoining!" I exclaimed; "you must have had a great deal of trouble."

"We had; but the reward offered is prodigious."

"You include the *grounds* about the houses?"

"All the grounds are paved with brick. They gave us comparatively little trouble. We examined the moss between the bricks, and found it undisturbed."

"You looked among D——'s papers, of course, and into the books of the library?"

"Certainly; we opened every package and parcel; we not only opened every book, but we turned over every leaf in each volume, not contenting ourselves with a mere shake, according to the fashion of some of our police officers. We also measured the thickness of every book-*cover*, with the most accurate admeasurement, and applied to each the most jealous scrutiny of the microscope. Had any of the bindings been recently meddled with, it would have been utterly impossible that the fact should have escaped observation. Some five or six volumes, just from the hands of the binder, we carefully probed, longitudinally, with the needles."

"You explored the floors beneath the carpets?"

"Beyond doubt. We removed every carpet, and examined the boards with the microscope."

"And the paper on the walls?"

"Yes."

"You looked into the cellars?"

"We did."

"Then," I said, "you have been making a miscalculation, and the letter is *not* upon the premises, as you suppose."

"I fear you are right there," said the Prefect. "And now, Dupin, what would you advise me to do?"

"To make a thorough research of the premises."

"That is absolutely needless," replied G——. "I am not more sure that I breathe than I am that the letter is not at the hotel."

"I have no better advice to give you," said Dupin. "You have, of course, an accurate description of the letter?"

"Oh, yes!"—And here the Prefect, producing a memorandum-book, proceeded to read aloud a minute account of the internal, and especially of the external appearance of the missing document. Soon after finishing the perusal of this description, he took his departure, more entirely depressed in spirits than I had ever known the good gentleman before.

In about a month afterward he paid us another visit, and found us occupied very nearly as before. He took a pipe and a chair and entered into some ordinary conversation. At length I said:

"Well, but G——, what of the purloined letter? I presume you have at last made up your mind that there is no such thing as overreaching the Minister?"

"Confound him, say I—yes; I made the re-

examination, however, as Dupin suggested—but it was all labor lost, as I knew it would be."

"How much was the reward offered, did you say?" asked Dupin.

"Why, a very great deal—a *very* liberal reward—I don't like to say how much, precisely; but one thing I *will* say, that I wouldn't mind giving my individual check for fifty thousand francs to any one who could obtain me that letter. The fact is, it is becoming of more and more importance every day; and the reward has been lately doubled. If it were trebled, however, I could do no more than I have done."

"Why, yes," said Dupin, drawlingly between the whiffs of his meerschaum, "I really —think, G——, you have not exerted yourself—to the utmost in this matter. You might—do a little more, I think, eh?"

"How?—in what way?"

"Why—puff, puff—you might—puff, puff—employ counsel in the matter, eh?—puff, puff, puff. Do you remember the story they tell of Abernethy?"

"No; hang Abernethy!"

"To be sure! hang him and welcome. But, once upon a time, a certain rich miser conceived the design of spunging upon this Abernethy for a medical opinion. Getting up, for this purpose, an ordinary conversation in a private company, he insinuated his case to the physician, as that of an imaginary individual.

"'We will suppose,' said the miser, 'that his

symptoms are such and such; now, doctor, what would *you* have directed him to take?'"

"'Take!' said Abernethy,' why, take *advice*, to be sure.'"

"But," said the Prefect, a little discomposed, "*I* am *perfectly* willing to take advice, and to pay for it. I would *really* give fifty thousand francs to any one who would aid me in the matter."

"In that case," replied Dupin, opening a drawer, and producing a check-book, "you may as well fill me up a check for the amount mentioned. When you have signed it, I will hand you the letter."

I was astounded. The Prefect appeared absolutely thunder-stricken. For some minutes he remained speechless and motionless, looking incredulously at my friend with open mouth, and eyes that seemed starting from their sockets; then apparently recovering himself in some measure, he seized a pen, and after several pauses and vacant stares, finally filled up and signed a check for fifty thousand francs, and handed it across the table to Dupin. The latter examined it carefully and deposited it in his pocket-book; then, unlocking an *escritoire*, took thence a letter and gave it to the Prefect. This functionary grasped it in a perfect agony of joy, opened it with a trembling hand, cast a rapid glance at its contents, and then scrambling and struggling to the door, rushed at length unceremoniously from the room and

from the house, without having uttered a syllable since Dupin had requested him to fill up the check.

When he had gone, my friend entered into some explanations.

"The Parisian police," he said, "are exceedingly able in their way. They are persevering, ingenious, cunning, and thoroughly versed in the knowledge which their duties seem chiefly to demand. Thus, when G—— detailed to us his mode of searching the premises at the Hotel D——, I felt entire confidence in his having made a satisfactory investigation—so far as his labors extended."

"So far as his labors extended?" said I.

"Yes," said Dupin. "The measures adopted were not only the best of their kind, but carried out to absolute perfection. Had the letter been deposited within the range of their search, these fellows would, beyond a question, have found it."

I merely laughed—but he seemed quite serious in all that he said.

"The measures then," he continued, "were good in their kind, and well executed; their defect lay in their being inapplicable to the case and to the man. A certain set of highly ingenious resources are, with the Prefect, a sort of Procrustean bed, to which he forcibly adapts his designs. But he perpetually errs by being too deep or too shallow for the matter in hand; and many a school-boy is a better reasoner than

he. I knew one about eight years of age, whose success at guessing in the game of 'even and odd' attracted universal admiration. This game is simple, and is played with marbles. One player holds in his hand a number of these toys, and demands of another whether that number is even or odd. If the guess is right, the guesser wins one; if wrong, he loses one. The boy to whom I allude won all the marbles of the school. Of course he had some principle of guessing; and this lay in mere observation and admeasurement of the astuteness of his opponents. For example, an arrant simpleton is his opponent, and, holding up his closed hand, asks, 'Are they even or odd?' Our school-boy replies, 'Odd,' and loses; but upon the second trial he wins, for he then says to himself: 'The simpleton had them even upon the first trial, and his amount of cunning is just sufficient to make him have them odd upon the second; I will therefore guess odd': —he guesses odd, and wins. Now, with a simpleton a degree above the first, he would have reasoned thus: 'This fellow finds that in the first instance I guessed odd, and, in the second, he will propose to himself, upon the first impulse, a simple variation from even to odd, as did the first simpleton; but then a second thought will suggest that this is too simple a variation, and finally he will decide upon putting it even as before. I will therefore guess even': —he guesses even, and wins. Now this mode of reasoning in the

school-boy, whom his fellows termed 'lucky,' —what, in its last analysis, is it?"

"It is merely," I said, "an identification of the reasoner's intellect with that of his opponent."

"It is," said Dupin; "and, upon inquiring of the boy by what means he effected the *thorough* identification in which his success consisted, I received answer as follows: 'When I wish to find out how wise, or how stupid, or how good, or how wicked is any one, or what are his thoughts at the moment, I fashion the expression of my face, as accurately as possible, in accordance with the expression of his, and then wait to see what thoughts or sentiments arise in my mind or heart, as if to match or correspond with the expression.' This response of the school-boy lies at the bottom of all the spurious profundity which has been attributed to Rochefoucault, to La Bougive, to Machiavelli, and to Campanella."

"And the identification," I said, "of the reasoner's intellect with that of his opponent, depends, if I understand you aright, upon the accuracy with which the opponent's intellect is admeasured."

"For its practical value it depends upon this," replied Dupin; "and the Prefect and his cohort fail so frequently, first by default of this identification, and, secondly, by ill-admeasurement, or rather through non-admeasurement, of the intellect with which they are engaged. They

consider only their *own* ideas of ingenuity; and, in searching for anything hidden advert only to the modes in which *they* would have hidden it. They are right in this much—that their own ingenuity is a faithful representative of that of *the mass*; but when the cunning of the individual felon is diverse in character from their own, the felon foils them, of course. This always happens when it is above their own, and very usually when it is below. They have no variation of principle in their investigations; at best, when urged by some unusual emergency—by some extraordinary reward—they extend or exaggerate their old modes of *practice*, without touching their principles. What, for example, in this case of D——, has been done to vary the principle of action? What is all this boring, and probing, and sounding, and scrutinizing with the microscope, and dividing the surface of the building into registered square inches—what is it all but an exaggeration *of the application* of the one principle or set of principles of search, which are based upon the one set of notions regarding human ingenuity, to which the Prefect, in the long routine of his duty, has been accustomed? Do you not see he has taken it for granted that *all* men proceed to conceal a letter, not exactly in a gimlet-hole bored in a chair-leg, but, at least, in *some* out-of-the-way hole or corner suggested by the same tenor of thought which would urge a man to secrete a letter in a gimlet-hole bored in a chair-

leg? And do you not see also that such *recherchés* nooks for concealment are adapted only for ordinary occasions, and would be adopted only by ordinary intellects; for, in all cases of concealment, a disposal of the article concealed —a disposal of it in this *recherché* manner,—is in the very first instance, presumable and presumed; and thus its discovery depends, not at all upon the acumen, but altogether upon the mere care, patience, and determination of the seekers; and where the case is of importance —or, what amounts to the same thing in the political eyes, when the reward is of magnitude, —the qualities in question have *never* been known to fail. You will now understand what I meant in suggesting that, had the purloined letter been hidden anywhere within the limits of the Prefect's examination—in other words, had the principle of its concealment been comprehended within the principles of the Prefect —its discovery would have been a matter altogether beyond question. This functionary, however, has been thoroughly mystified; and the remote source of his defeat lies in the supposition that the Minister is a fool, because he has acquired renown as a poet. All fools are poets; this the Prefect *feels*; and he is merely guilty of a *non distributio medii* in thence inferring that all poets are fools."

"But is this really the poet?" I asked. "There are two brothers, I know; and both have attained reputation in letters. The min-

ister I believe has written learnedly on the Differential Calculus. He is a mathematician, and no poet."

"You are mistaken; I know him well; he is both. As poet *and* mathematician, he would reason well; as mere mathematician, he could not have reasoned at all, and thus would have been at the mercy of the Prefect."

"You surprise me," I said, "by these opinions, which have been contradicted by the voice of the world. You do not mean to set at naught the well-digested idea of centuries. The mathematical reason has long been regarded as *the* reason *par excellence*."

"'*Il y a à parièr*,'" replied Dupin, quoting from Chamfort, "'*que toute idée publique, toute convention reçue, est une sottise, car elle a convenue au plus grand nombre*.' The mathematicians, I grant you, have done their best to promulgate the popular error to which you allude, and which is none the less an error for its promulgation as truth. With an art worthy a better cause, for example, they have insinuated the term 'analysis' into application to algebra. The French are the originators of this particular deception; but if a term is of any importance — if words derive any value from applicability — then 'analysis' conveys 'algebra' about as much as, in Latin '*ambitus*' implies 'ambition,' '*religio*' 'religion,' or '*homines honesti*' a set of *honorable* men."

"You have a quarrel on hand, I see," said I,

"with some of the algebraists of Paris; but proceed."

"I dispute the availability, and thus the value, of that reason which is cultivated in any especial form other than the abstractly logical. I dispute, in particular, the reason educed by mathematical study. The mathematics are the science of form and quantity; mathematical reasoning is merely logic applied to observation upon form and quantity. The great error lies in supposing that even the truths of what is called *pure* algebra are abstract or general truths. And this error is so egregious that I am confounded at the universality with which it has been received. Mathematical axioms are *not* axioms of general truth. What is true of *relation*—of form and quantity—is often grossly false in regard to morals, for example. In this latter science it is very usually *un*true that the aggregated parts are equal to the whole. In chemistry also the axiom fails. In the consideration of motive it fails; for two motives, each of a given value, have not, necessarily, a value when united, equal to the sum of their values apart. There are numerous other mathematical truths which are only truths within the limits of *relation*. But the mathematician argues from his *finite truths*, through habit, as if they were of an absolutely general applicability—as the world indeed imagines them to be.' Bryant, in his very learned 'Mythology,' mentions an analo-

gous source of error, when he says that 'although the pagan fables are not believed, yet we forget ourselves continually, and make inferences from them as existing realities.' With the algebraists, however, who are pagans themselves, the 'pagan fables' *are* believed, and the inferences are made, not so much through lapse of memory as through an unaccountable addling of the brains. In short, I never yet encountered the mere mathematician who could be trusted out of equal roots, or one who did not clandestinely hold it as a point of his faith that $x^2 + px$ was absolutely and unconditionally equal to q. Say to one of these gentlemen, by way of experiment, if you please, that you believe occasions may occur where $x^2 + px$ is *not* altogether equal to q, and, having made him understand what you mean, get out of his reach as speedily as convenient, for, beyond doubt, he will endeavor to knock you down.

"I mean to say," continued Dupin, while I merely laughed at his last observations, "that if the minister had been no more than a mathematician, the Prefect would have been under no necessity of giving me this check. I knew him, however, as both mathematician and poet, and my measures were adapted to his capacity, with reference to the circumstances by which he was surrounded. I knew him as a courtier, too, and as a bold *intriguant*. Such a man, I considered, could not fail to be aware of the ordinary political modes of action. He could not have

failed to anticipate—and events have proved that he did not fail to anticipate—the waylayings to which he was subjected. He must have foreseen, I reflected, the secret investigations of his premises. His frequent absences from home at night, which were hailed by the Prefect as certain aids to his success, I regardded only as *ruses*, to afford opportunity for thorough search to the police, and thus the sooner to impress them with the conviction to which G——, in fact, did finally arrive—the conviction that the letter was not upon the premises. I felt, also, that the whole train of thought, which I was at some pains in detailing to you just now, concerning the invariable principle of political action in searches for articles concealed—I felt that this whole train of thought would necessarily pass through the mind of the minister. It would imperatively lead him to despise all the ordinary *nooks* of concealment. *He* could not, I reflected, be so weak as not to see that the most intricate and remote recess of his hotel would be as open as his commonest closets to the eyes, to the probes, to the gimlets, and to the microscopes of the Prefect. I saw, in fine, that he would be driven, as a matter of course, to *simplicity*, if not deliberately induced to it as a matter of choice. You will remember, perhaps, how desperately the Prefect laughed when I suggested, upon our first interview, that it was just possible this mystery troubled him so much on account of its being so *very* self-evident."

"Yes," said I, "I remember his merriment well. I really thought he would have fallen into convulsions."

"The material world," continued Dupin, "abounds with very strict analogies to the immaterial; and thus some color of truth has been given to the rhetorical dogma, that metaphor, or simile, may be made to strengthen an argument as well as to embellish a description. The principle of the *vis inertiæ*, for example, seems to be identical in physics and metaphysics. It is not more true in the former, that a large body is with more difficulty set in motion than a smaller one, and that its subsequent *momentum* is commensurate with this difficulty, than it is, in the latter, that intellects of the vaster capacity, while more forcible, more constant, and more eventful in their movements than those of inferior grade, are yet the less readily moved, and more embarrassed, and full of hesitation in the first few steps of their progress. Again: have you ever noticed which of the street signs, over the shop doors, are the most attractive of attention?"

"I have never given the matter a thought," I said.

"There is a game of puzzles," he resumed, "which is played upon a map. One party playing requires another to find a given word — the name of town, river, state, or empire — any word, in short, upon the motley and perplexed surface of the chart. A novice in the game generally seeks to embarrass his opponents by

giving them the most minutely lettered names; but the adept selects such words as stretch, in large characters, from one end of the chart to the other. These, like the over-largely lettered signs and placards of the street, escape observation by dint of being excessively obvious; and here the physical oversight is precisely analogous with the moral inapprehension by which the intellect suffers to pass unnoticed those considerations which are too obtrusively and too palpably self-evident. But this is a point, it appears, somewhat above or beneath the understanding of the Prefect. He never once thought it probable, or possible, that the minister had deposited the letter immediately beneath the nose of the whole world by way of best preventing any portion of that world from perceiving it.

"But the more I reflected upon the daring, dashing, and discriminating ingenuity of D——; upon the fact that the document must always have been *at hand,* if he intended to use it to good purpose; and upon the decisive evidence, obtained by the Prefect, that it was not hidden within the limits of that dignitary's ordinary search—the more satisfied I became that, to conceal this letter, the minister had resorted to the comprehensive and sagacious expedient of not attempting to conceal it at all.

"Full of these ideas, I prepared myself with a pair of green spectacles, and called one fine

morning, quite by accident, at the Ministerial hotel. I found D—— at home, yawning, lounging, and dawdling, as usual, and pretending to be in the last extremity of *ennui*. He is, perhaps, the most really energetic human being now alive—but that is only when nobody sees him.

"To be even with him, I complained of my weak eyes, and lamented the necessity of the spectacles, under cover of which I cautiously and thoroughly surveyed the whole apartment, while seemingly intent only upon the conversation of my host.

"I paid especial attention to a large writing-table near which he sat, and upon which lay confusedly, some miscellaneous letters and other papers, with one or two musical instruments and a few books. Here, however, after a long and very deliberate scrutiny, I saw nothing to excite particular suspicion.

"At length my eyes, in going the circuit of the room, fell upon a trumpery filigree card-rack of pasteboard, that hung dangling by a dirty blue ribbon, from a little brass knob just beneath the middle of the mantel-piece. In this rack, which had three or four compartments, were five or six visiting cards and a solitary letter. This last was much soiled and crumpled. It was torn nearly in two, across the middle—as if a design, in the first instance, to tear it entirely up as worthless, had been altered or stayed in the second. It had a

large black seal, bearing the D—— cipher *very* conspicuously, and was addressed, in a diminutive female hand, to D——, the minister, himself. It was thrust carelessly, and even, as it seemed, contemptuously, into one of the uppermost divisions of the rack.

"No sooner had I glanced at this letter than I concluded it to be that of which I was in search. To be sure, it was, to all appearance, radically different from the one of which the Prefect had read us so minute a description. Here the seal was large and black, with the D—— cipher; there it was small and red, with the ducal arms of the S —— family. Here, the address, to the minister, was diminutive and feminine; there the superscription, to a certain royal personage, was markedly bold and decided; the size alone formed a point of correspondence. But, then, the *radicalness* of these differences, which was excessive; the dirt; the soiled and torn condition of the paper, so inconsistent with the *true* methodical habits of D——, and so suggestive of a design to delude the beholder into an idea of the worthlessness of the document;—these things, together with the hyperobtrusive situation of this document, full in the view of every visitor, and thus exactly in accordance with the conclusions to which I had previously arrived; these things, I say, were strongly corroborative of suspicion, in one who came with the intention to suspect.

"I protracted my visit as long as possible,

and, while I maintained a most animated discussion with the minister, upon a topic which I knew well had never failed to interest and excite him, I kept my attention really riveted upon the letter. In this examination, I committed to memory its external appearance and arrangement in the rack; and also fell, at length, upon a discovery which set at rest whatever trivial doubt I might have entertained. In scrutinzing the edges of the paper, I observed them to be more *chafed* than seemed necessary. They presented the *broken* appearance which is manifested when a stiff paper, having been once folded and pressed with a folder, is refolded in a reversed direction, in the same creases or edges which had formed the original fold. This discovery was sufficient. It was clear to me that the letter had been turned as a glove, inside out, re-directed and resealed. I bade the minister good-morning, and took my departure at once, leaving a gold snuff-box upon the table.

"The next morning I called for the snuff-box, when we resumed, quite eagerly, the conversation of the preceding day. While thus engaged, however, a loud report, as if of a pistol, was heard immediately beneath the windows of the hotel, and was succeeded by a series of fearful screams, and the shoutings of a terrified mob. D—— — rushed to a casement, threw it open, and looked out. In the meantime I stepped to the card-rack, took the letter, put it

in my pocket, and replaced it by a *fac-simile,* (so far as regards externals) which I had carefully prepared at my lodgings—imitating the D—— cipher, very readily, by means of a seal formed of bread.

"The disturbance in the street had been occasioned by the frantic behavior of a man with a musket. He had fired it among a crowd of women and children. It proved, however, to have been without ball, and the fellow was suffered to go his way as a lunatic or a drunkard. When he had gone, D—— came from the window, whither I had followed him immediately upon securing the object in view. Soon afterward I bade him farewell. The pretended lunatic was a man in my own pay."

"But what purpose had you," I asked, "in replacing the letter by a *fac-simile?* Would it not have been better, at the first visit, to have seized it openly, and departed?'

"D——," replied Dupin, "is a desperate man, and a man of nerve. His hotel, too, is not without attendants devoted to his interests. Had I made the wild attempt you suggest, I might never have left the Ministerial presence alive. The good people of Paris might have heard of me no more. But I had an object apart from these considerations. You know my political prepossessions. In this matter, I act as a partisan of the lady concerned. For eighteen months the minister has had her in his power. She has now him in hers—since, being unaware that the letter is not in his

possession, he will proceed with his exactions as if it was. Thus will he inevitably commit himself, at once, to his political destruction. His downfall, too, will not be more precipitate than awkward. It is all very well to talk about the *facilis descensus Averni*: but in all kinds of climbing, as Catalani said of singing, it is far more easy to get up than to come down. In the present instance I have no sympathy—at least no pity—for him who descends. He is that *monstrum horrendum*, an unprincipled man of genius. I confess, however, that I should like very well to know the precise character of his thoughts, when, being defied by her whom the Prefect terms 'a certain personage,' he is reduced to opening the letter which I left for him in the card rack."

"How? did you put any thing particular in it?"

"Why—it did not seem altogether right to leave the interior blank—that would have been insulting. D——, at Vienna once, did me an evil turn, which I told him, quite good-humoredly, that I should remember. So, as I knew he would feel some curiosity in regard to the identity of the person who had outwitted him, I thought it a pity not to give him a clew. He is well acquainted with my MS., and I just copied into the middle of the blank sheet the words—

"'—— —— Un dessein si funeste,
S' il n' est digne d' Atrée, est digne de Thyeste.'

They are to be found in Crébillon's 'Atrée.'"

THE THOUSAND-AND-SECOND TALE OF SCHEHERAZADE.

Truth is stranger than fiction.—*Old Saying.*

HAVING had occasion, lately, in the course of some Oriental investigations, to consult the "Tellmenow Isitsöornot," a work which (like the "Zohar" of Simeon Jochaides) is scarcely known at all, even in Europe; and which has never been quoted, to my knowledge, by any American—if we except, perhaps, the author of the "Curiosities of American Literature";—having had occasion, I say, to turn over some pages of the first-mentioned very remarkable work, I was not a little astonished to discover that the literary world has hitherto been strangely in error respecting the fate of the vizier's daughter, Scheherazade, as that fate is depicted in the "Arabian Nights"; and that the *dénouement* there given, if not altogether inaccurate, as far as it goes, is at least to blame in not having gone very much farther.

For full information on this interesting

topic, I must refer the inquisitive reader to the "Isitsöornot" itself; but in the meantime, I shall be pardoned for giving a summary of what I there discovered.

It will be remembered, that, in the usual version of the tales, a certain monarch having good cause to be jealous of his queen, not only puts her to death, but makes a vow, by his beard and the prophet, to espouse each night the most beautiful maiden in his dominions, and the next morning to deliver her up to the executioner.

Having fulfilled this vow for many years to the letter, and with a religious punctuality and method that conferred great credit upon him as a man of devout feeling and excellent sense, he was interrupted one afternoon (no doubt at his prayers) by a visit from his grand vizier, to whose daughter, it appears, there had occurred an idea.

Her name was Scheherazade, and her idea was, that she would either redeem the land from the depopulating tax upon its beauty, or perish, after the approved fashion of all heroines, in the attempt.

Accordingly, and although we do not find it to be leap-year (which makes the sacrifice more meritorious) she deputes her father, the grand vizier, to make an offer to the king of her hand. This hand the king eagerly accepts--(he had intended to take it at all events, and had put off the matter from day to day, only through fear of the vizier)--but, in accepting it now, he

gives all parties very distinctly to understand, that, grand vizier or no grand vizier, he has not the slightest design of giving up one iota of his vow or of his privileges. When, therefore, the fair Scheherazade insisted upon marrying the king, and did actually marry him despite her father's excellent advice not to do any thing of the kind—when she would and did marry him, I say, will I, nill I, it was with her beautiful black eyes as thoroughly open as the nature of the case would allow.

It seems, however, that this politic damsel (who had been reading Machiavelli, beyond doubt), had a very ingenious little plot in her mind. On the night of the wedding, she contrived, upon I forget what specious pretence, to have her sister occupy a couch sufficiently near that of the royal pair to admit of easy conversation from bed to bed; and, a little before cock-crowing, she took care to awaken the good monarch, her husband (who bore her none the worse will because he intended to wring her neck on the morrow),—she managed to awaken him, I say, (although on account of a capital conscience and an easy digestion, he slept well,) by the profound interest of a story (about a rat and a black cat, I think) which she was narrating (all in an undertone, of course) to her sister. When the day broke, it so happened that this history was not altogether finished, and that Scheherazade, in the nature of things could not finish it just then, since it was high

time for her to get up and be bowstrung—a thing very little more pleasant than hanging, only a trifle more genteel!

The king's curiosity, however, prevailing, I am sorry to say, even over his sound religious principles, induced him for this once to postpone the fulfilment of his vow until next morning, for the purpose and with the hope of hearing that night how it fared in the end with the black cat (a black cat, I think it was) and the rat.

The night having arrived, however, the lady Scheherazade not only put the finishing stroke to the black cat and the rat (the rat was blue) but before she well knew what she was about, found herself deep in the intricacies of a narration, having reference (if I am not altogether mistaken) to a pink horse (with green wings) that went, in a violent manner, by clockwork, and was wound up with an indigo key. With this history the king was even more profoundly interested than with the other—and, as the day broke before its conclusion (notwithstanding all the queen's endeavors to get through with it in time for the bowstringing), there was again no resource but to postpone that ceremony as before, for twenty-four hours. The next night there happened a similar accident with a similar result; and then the next—and then again the next; so that, in the end, the good monarch, having been unavoidably deprived of all opportunity to keep his vow during a period

of no less than one thousand and one nights, either forgets it altogether by the expiration of this time, or gets himself absolved of it in the regular way, or (what is more probable) breaks it outright, as well as the head of his father confessor. At all events, Scheherazade, who, being lineally descended from Eve, fell heir, perhaps, to the whole seven baskets of talk, which the latter lady, we all know, picked up from under the trees in the garden of Eden; Scheherazade, I say, finally triumphed, and the tariff upon beauty was repealed.

Now, this conclusion (which is that of the story as we have it upon record) is, no doubt, excessively proper and pleasant—but alas! like a great many pleasant things, is more pleasant than true; and I am indebted altogether to the "Isitsöornot" for the means of correcting the error. "*Le mieux*," says a French proverb, "*est l'ennemi du bien*," and, in mentioning that Scheherazade had inherited the seven baskets of talk, I should have added that she put them out at compound interest until they amounted to seventy-seven.

"My dear sister," said she, on the thousand-and-second night, (I quote the language of the "Isitsöornot" at this point, *verbatim*) "my dear sister," said she, "now that all this little difficulty about the bowstring has blown over, and that this odious tax is so happily repealed, I feel that I have been guilty of great indis-

cretion in withholding from you and the king (who I am sorry to say, snores—a thing no gentleman would do) the full conclusion of Sinbad the sailor. This person went through numerous other and more interesting adventures than those which I related; but the truth is, I felt sleepy on the particular night of their narration, and so was seduced into cutting them short—a grievous piece of misconduct, for which I only trust that Allah will forgive me. But even yet it is not too late to remedy my great neglect—and as soon as I have given the king a pinch or two in order to wake him up so far that he may stop making that horrible noise, I will forthwith entertain you (and him if he pleases) with the sequel of this very remarkable story.

Hereupon the sister of Scheherazade, as I have it from the "Isitsiornot," expressed no very particular intensity of gratification; but the king, having been sufficiently pinched, at length ceased snoring, and finally said, "Hum!" and then "Hoo!" when the queen, understanding these words (which are no doubt Arabic) to signify that he was all attention, and would do his best not to snore any more—the queen, I say, having arranged these matters to her satisfaction, re-entered thus, at once, into the history of Sinbad the sailor:

"'At length, in my old age, (these are the words of Sinbad himself, as retailed by Scheherazade)—'at length, in my old age, and after

enjoying many years of tranquillity at home, I became once more possessed of a desire of visiting foreign countries; and one day, without acquainting any of my family with my design, I packed up some bundles of such merchandise as was most precious and least bulky, and, engaging a porter to carry them, went with him down to the sea-shore, to await the arrival of any chance vessel that might convey me out of the kingdom into some region which I had not as yet explored.

"'Having deposited the packages upon the sands, we sat down beneath some trees, and looked out into the ocean in the hope of perceiving a ship, but during several hours we saw none whatever. At length I fancied that I could hear a singular buzzing or humming sound—and the porter, after listening awhile, declared that he also could distinguish it. Presently it grew louder, and then still louder, so that we could have no doubt that the object which caused it was approaching us. At length, on the edge of the horizon, we discovered a black speck, which rapidly increased in size until we made it out to be a vast monster, swimming with a great part of its body above the surface of the sea. It came toward us with inconceivable swiftness, throwing up huge waves of foam around its breast, and illuminating all that part of the sea through which it passed, with a long line of fire that extended far off into the distance.

"'As the thing drew near we saw it very distinctly. Its length was equal to that of three of the loftiest trees that grow, and it was as wide as the great hall of audience in your palace, O most sublime and munificent of the caliphs. Its body, which was unlike that of ordinary fishes, was as solid as a rock, and of a jetty blackness throughout all that portion of it which floated above the water with the exception of a narrow blood-red streak that completely begirdled it. The belly, which floated beneath the surface, and of which we could get only a glimpse now and then as the monster rose and fell with the billows, was entirely covered with metallic scales, of a color like that of the moon in misty weather. The back was flat and nearly white, and from it there extended upwards of six spines, about half the length of the whole body.

"'This horrible creature had no mouth that we could perceive; but, as if to make up for this deficiency, it was provided with at least four score of eyes, that protruded from their sockets like those of the green dragon-fly, and were arranged all around the body in two rows, one above the other, and parallel to the blood-red streak, which seemed to answer the purpose of an eyebrow. Two or three of these dreadful eyes were much larger than the others, and had the appearance of solid gold.

"'Although this beast approached us, as I have before said, with the greatest rapidity, it

must have been moved altogether by necromancy—for it had neither fins like a fish nor web-feet like a duck, nor wings like the sea-shell which is blown along in the manner of a vessel; nor yet did it writhe itself forward as do the eels. Its head and its tail were shaped precisely alike, only, not far from the latter, were two small holes that served for nostrils, and through which the monster puffed out its thick breath with prodigious violence, and with a shrieking, disagreeable noise.

"'Our terror at beholding this hideous thing was very great, but it was even surpassed by our astonishment, when upon getting a nearer look, we perceived upon the creature's back a vast number of animals about the size and shape of men, and altogether much resembling them. except that they wore no garments (as men do), being supplied (by nature, no doubt,) with an ugly uncomfortable covering, a good deal like cloth, but fitting so tight to the skin, as to render the poor wretches laughably awkward, and put them apparently to severe pain. On the very tips of their heads were certain square-looking boxes, which, at first sight, I thought might have been intended to answer as turbans, but I soon discovered that they were excessively heavy and solid, and I therefore concluded they were contrivances designed, by their great weight, to keep the heads of the animals steady and safe upon their shoulders. Around the necks of the creatures were fastened black col-

lars, (badges of servitude, no doubt,) such as we keep on our dogs, only much wider and infinitely stiffer—so that it was quite impossible for these poor victims to move their heads in any direction without moving the body at the same time; and thus they were doomed to perpetual contemplation of their noses—a view puggish and snubby in a wonderful if not positively in an awful degree.

"'When the monster had nearly reached the shore where we stood, it suddenly pushed out one of its eyes to a great extent, and emitted from it a terrible flash of fire, accompanied by a dense cloud of smoke, and a noise that I can compare to nothing but thunder. As the smoke cleared away, we saw one of the odd man-animals standing near the head of the large beast with a trumpet in his hand, through which (putting it to his mouth) he presently addressed us in loud, harsh, and disagreeable accents, that, perhaps, we should have mistaken for language, had they not come altogether through the nose.

"'Being thus evidently spoken to, I was at a loss how to reply, as I could in no manner understand what was said; and in this difficulty I turned to the porter, who was near swooning through affright, and demanded of him his opinion as to what species of monster it was, what it wanted, and what kind of creatures those were that so swarmed upon its back. To this the porter replied, as well as he could for

trepidation, that he had once before heard of this sea-beast; that it was a cruel demon, with bowels of sulphur and blood of fire, created by evil genii as the means of inflicting misery upon mankind; that the things upon its back were vermin, such as sometimes infest cats and dogs, only a little larger and more savage; and that these vermin had their uses, however evil—for, through the torture they caused the beast by their nibblings and stingings, it was goaded into that degree of wrath which was requisite to make it roar and commit ill, and so fulfil the vengeful and malicious designs of the wicked genii.

"'This account determined me to take to my heels, and, without once even looking behind me, I ran at full speed up into the hills, while the porter ran equally fast, although nearly in an opposite direction, so that, by these means, he finally made his escape with my bundles, of which I have no doubt he took excellent care —although this is a point I cannot determine, as I do not remember that I ever beheld him again.

"'For myself, I was so hotly pursued by a swarm of the men-vermin (who had come to the shore in boats) that I was very soon overtaken, bound hand and foot, and conveyed to the beast, which immediately swam out again into the middle of the sea.

"'I now bitterly repented my folly in quitting a comfortable home to peril my life in such

adventures as this; but regret being useless, I made the best of my condition, and exerted myself to secure the good-will of the man-animal that owned the trumpet, and who appeared to exercise authority over his fellows. I succeeded so well in this endeavor that, in a few days, the creature bestowed upon me various tokens of his favor, and in the end even went to the trouble of teaching me the rudiments of what it was vain enough to denominate its language; so that, at length, I was enabled to converse with it readily, and came to make it comprehend the ardent desire I had of seeing the world.

"'*Washish squashish squeak, Sinbad, hey-diddle diddle, grunt unt grumble, hiss, fiss, whiss,*' said he to me, one day after dinner—but I beg a thousand pardons, I had forgotten that your majesty is not conversant with the dialect of the Cock-neighs (so the man-animals were called; I presume because their language formed the connecting link between that of the horse and that of the rooster). With your permission, I will translate. '*Washish squashish,*' and so forth:—that is to say, 'I am happy to find, my dear Sinbad, that you are really a very excellent fellow; we are now about doing a thing which is called circumnavigating the globe; and since you are so desirous of seeing the world, I will strain a point and give you a free passage upon the back of the beast.'"

When the Lady Scheherazade had proceeded thus far, relates the "Isitsöornot," the king

turned over from his left side to his right, and said:

"It is, in fact, *very* surprising, my dear queen, that you omitted, hitherto, these latter adventures of Sinbad. Do you know I think them exceedingly entertaining and strange?"

The king having thus expressed himself, we are told, the fair Scheherazade resumed her history in the following words:

"Sinbad went on in this manner with his narrative—'I thanked the man-animal for its kindness, and soon found myself very much at home on the beast, which swam at a prodigious rate through the ocean; although the surface of the latter is, in that part of the world, by no means flat, but round like a pomegranate, so that we went—so to say—either up hill or down hill all the time.' "

"That, I think, was very singular," interrupted the king.

"Nevertheless, it is quite true," replied Scheherazade.

"I have my doubts," rejoined the king; "but, pray, be so good as to go on with the story."

"I will," said the queen. "'The beast,' continued Sinbad, 'swam, as I have related, up hill and down hill, until, at length, we arrived at an island, many hundreds of miles in circumference, but which, nevertheless, had been built in the middle of the sea by a colony of little things like caterpillars.' "*

* The coralites.

"Hum!" said the king.

"'Leaving this island,' said Sinbad—(for Scheherazade, it must be understood, took no notice of her husband's ill-mannered ejaculation)—'leaving this island, we came to another where the forests were of solid stone, and so hard that they shivered to pieces the finest-tempered axes with which we endeavored to cut them down.'" *

* "One of the most remarkable natural curiosities in Texas is a petrified forest, near the head of Pasigno river. It consists of several hundred trees, in an erect position, all turned to stone. Some trees, now growing, are partly petrified. This is a startling fact for natural philosophers, and must cause them to modify the existing theory of petrifaction. *Kendall.*

This account, at first discredited, has since been corroborated by the discovery of a completely petrified forest, near the head waters of the Cheyenne, or Chienne river, which has its source in the Black Hills of the rocky chain.

There is scarcely, perhaps, a spectacle on the surface of the globe more remarkable, either in a geological or picturesque point of view than that presented by the petrified forest, near Cairo. The traveller, having passed the tombs of the caliphs, just beyond the gates of the city, proceeds to the southward, nearly at right angles to the road across the desert to Suez, and after having travelled some ten miles upon a low barren valley, covered with sand, gravel, and sea shells, fresh as if the tide had retired but yesterday, crosses a low range of sandhills, which has for some distance run parallel to his path. The scene now presented to him is beyond conception singular and desolate. A mass of fragments of trees, all converted into stone, and which when struck by his horse's hoof rings like cast iron, is seen to extend itself for miles and miles around him, in the form of a decayed and prostrate forest. The wood is of a dark brown hue, but retains its form in perfection, the pieces being from one to fifteen feet in length, and from half a foot to three feet in thickness, strewed so closely together, as far as the eye can reach, that an Egyptian donkey can scarcely thread its way through amongst them, and so natural that, were it in Scotland or Ireland, it might pass without remark for some enormous drained bog, on which the extirpated trees lay rotting in the sun. The roots and rudiments of the branches are, in many cases, nearly perfect, and in some the worm-holes eaten under the bark are readily recognizable. The most delicate of the sap vessels, and all the finer portions of the centre of the wood, are perfectly entire, and bear to be examined with the

"Hum!" said the king, again; but Scheherazade, paying him no attention, continued in the language of Sinbad.

"'Passing beyond this last island, we reached a country where there was a cave that ran to the distance of thirty or forty miles within the bowels of the earth, and that contained a greater number of far more spacious and more magnificent palaces than are to be found in all Damascus and Bagdad. From the roofs of these palaces there hung myriads of gems, like diamonds, but larger than men: and in among the streets of towers and pyramids and temples, there flowed immense rivers as black as ebony, and swarming with fish that had no eyes.'" *

"Hum!" said the king.

"'We then swam into a region of the sea where we found a lofty mountain, down whose sides there streamed torrents of melted metal, some of which were twelve miles wide and sixty miles long; † while from an abyss on the summit, issued so vast a quantity of ashes that the sun was entirely blotted out from the heavens, and it became darker than the darkest midnight; so that when we were even at the distance of a hundred and fifty miles from the mountain, it was impossible to see the whitest

strongest magnifiers. The whole are so thoroughly silicified as to scratch glass and are capable of receiving the highest polish. —*Asiatic Magazine.*

* The Mammoth Cave of Kentucky.

† In Iceland, 1783.

object, however close we held it to our eyes.'" *

"Hum!" said the king.

"'After quitting this coast, the beast continued his voyage until we met with a land in which the nature of things seemed reversed—for we here saw a great lake, at the bottom of which, more than a hundred feet beneath the surface of the water, there flourished in full leaf a forest of tall and luxuriant trees.'" †

"Hoo!" said the king.

"'Some hundred miles farther on brought us to a climate where the atmosphere was so dense as to sustain iron or steel, just as our own does feather.'" ‡

"Fiddle de dee," said the king.

"'Proceeding still in the same direction, we presently arrived at the most magnificent region in the whole world. Through it there

* "During the eruption of Hecla, in 1766, clouds of this kind produced such a degree of darkness that, at Glaumba, which is more than fifty leagues from the mountain, people could only find their way by groping. During the eruption of Vesuvius, in 1794, at Caserta, four leagues distant, people could only walk by the light of torches. On the first of May, 1812, a cloud of volcanic ashes and sand, coming from a volcano in the island of St Vincent, covered the whole of Barbadoes, spreading over it so intense a darkness that, at mid-day, in the open air, one could not perceive the trees or other objects near him, or even a white handkerchief placed at the distance of six inches from the eye."—*Murray*, p. 215, *Phil. edit.*

† "In the year 1780, in the Caracas during an earthquake a portion of the granite soil sank and left a lake eight hundred yards in diameter, and from eighty to a hundred feet deep. It was a part of the forest of Aripao which sank, and the trees remained green for several months under the water."—*Murray*, p. 221.

‡ The hardest steel ever manufactured may, under the action of a blow pipe, be reduced to an impalpable powder, which will float readily in the atmospheric air.

meandered a glorious river for several thousands of miles. This river was of unspeakable depth, and of a transparency richer than that of amber. It was from three to six miles in width; and its banks which arose on either side to twelve hundred feet in perpendicular height, were crowned with ever-blossoming trees, and perpetual sweet-scented flowers, that made the whole territory one gorgeous garden; but the name of this luxuriant land was the Kingdom of Horror, and to enter it was inevitable death.' " *

"Humph!" said the king.

" 'We left this kingdom in great haste, and, after some days, came to another, where we were astonished to perceive myriads of monstrous animals with horns resembling scythes upon their heads. These hideous beasts dig for themselves vast caverns in the soil, of a funnel shape, and line the sides of them with rocks, so disposed one upon the other that they fall instantly, when trodden upon by other animals, thus precipitating them into the monster's dens, where their blood is immediately sucked, and their carcasses afterwards hurled contemptuously out to an immense distance from "the caverns of death." ' " †

* The region of the Niger. See *Simmona's* "*Colonial Magazine.*"

† The *Myrmeleon*—lion-ant. The term "monster" is equally applicable to small abnormal things and to great, while such epithets as "vast" are merely comparative. The cavern of

"Pooh!" said the king.

"'Continuing our progress, we perceived a district with vegetables that grew not upon any soil, but in the air.* There were others that sprang from the substance of other vegetables;† others that derived their substance from the bodies of living animals;‡ and then again, there were others that glowed all over with intense fire;§ others that moved from place to place at pleasure,‖ and what was still more wonderful, we discovered flowers that lived and breathed and moved their limbs at will, and had, moreover, the detestable passion of mankind for enslaving other creatures, and con-

the myrmeleon is *vast* in comparison with the hole of the common red ant. A grain of silex is also a "rock."

* The *Epidendron, Flos Aeris*, of the family of the *Orchideæ*, grows with merely the surface of its roots attached to a tree or other object, from which it derives no nutriment—subsisting altogether upon air.

† The *Parasites*, such as the wonderful *Rafflesia Arnaldii*.

‡ *Schouw* advocates a class of plants that grow upon living animals—the *Plauta Epizoæ*. Of this class are the *Fuci* and *Algæ*.

Mr. J. B. Williams, of Salem, Mass., presented the "National Institute," with an insect from New Zealand, with the following description: "'*The Hotte*,' a decided caterpillar, or worm, is found growing at the foot of the *Rata* tree, with a plant growing out of its head. This most peculiar and most extraordinary insect travels up both the *Rata* and *Pucawa* trees, and entering into the top, eats its way, perforating the trunk of the tree until it reaches the root, it then comes out of the root, and dies, or remains dormant, and the plant propagates out of its head; the body remains perfect and entire, of a harder substance than when alive. From this insect the natives make a coloring for tattooing."

§ In mines and natural caves we find a species of cryptogamous *fungus* that emits an intense phosphorescence.

‖ The orchis, scabius and valisneria.

fining them in horrid and solitary prisons until the fulfillment of appointed tasks.'" *

"Pshaw!" said the king.

"'Quitting this land, we soon arrived at another in which the bees and the birds are mathematicians of such genius and erudition, that they give daily instructions in the science of geometry to the wise men of the empire. The king of the place having offered a reward for the solution of two very difficult problems, they were solved upon the spot—the one by the bees, and the other by the birds; but the king keeping their solution a secret, it was only after the most profound researches and labor, and the writing of an infinity of big books, during a long series of years, that the men-mathematicians at length arrived at the identical solutions

* "The corolla of this flower (*Aristolochia Clematitis*), which is tubular, but terminating upwards in a ligulate limb, is inflated into a globular figure at the base. The tubular part is internally beset with stiff hairs, pointing downwards. The globular part contains the pistil, which consists merely of a germen and stigma, together with the surrounding stamens. But the stamens, being shorter than even the germen, cannot discharge the pollen so as to throw it upon the stigma, as the flower stands always upright till after impregnation. And hence, without some additional and peculiar aid, the pollen must necessarily fall down to the bottom of the flower. Now, the aid that nature has furnished in this case, is that of the *Tiputa Pennicornis*, a small insect, which entering the tube of the corrolla in quest of honey, descends to the bottom, and rummages about till it becomes quite covered with pollen; but not being able to force its way out again, owing to the downward position of the hairs, which converge to a point like the wires of a mouse-trap, and being somewhat impatient of its confinement it brushes backwards and forwards, trying every corner, till, after repeatedly traversing the stigma, it covers it with pollen sufficient for its impregnation, in consequence of which the flower soon begins to droop, and the hairs to shrink to the sides of the tube, effecting an easy passage for the escape of the insect."—*Rev. P. Keith—System of Physiological Botany.*

which had been given upon the spot by the bees and by the birds.'" *

"Oh my!" said the king.

"'We had scarcely lost sight of this empire when we found ourselves close upon another, from whose shores there flew over our heads a flock of fowls a mile in breadth, and two hundred and forty miles long; so that, although they flew a mile during every minute, it required no less than four hours for the whole flock to pass over us—in which there were several millions of millions of fowl.'" *

"Oh fy!" said the king.

"'No sooner had we got rid of these birds, which occasioned us great annoyance, than we

* The bees—ever since bees were—have been constructing their cells with just such sides, in just such number, and at just such inclinations, as it has been demonstrated (in a problem involving the profoundest mathematical principles) are the very sides, in the very number, and at the very angles, which will afford the creatures the most room that is compatible with the greatest stability of structure.

During the latter part of the last century, the question arose among mathematicians—"to determine the best form that can be given to the sails of a windmill, according to their varying distances from the revolving vanes, and likewise from the centres of the revolution." This is an excessively complex problem, for it is, in other words, to find the best possible position at an infinity of varied distances, and at an infinity of points on the arm. There were a thousand futile attempts to answer the query on the part of the most illustrious mathematicians; and when, at length, an undeniable solution was discovered, men found that the wings of a bird had given it with absolute precision ever since the first bird had traversed the air.

+ He observed a flock of pigeons passing betwixt Frankfort and the Indian territory, one mile at least in breadth; it took up four hours in passing; which, at the rate of one mile per minute, gives a length of 240 miles; and, supposing three pigeons to each square yard, gives 2,230,272,000 pigeons.—"*Travels in Canada and the United States*," *by Lieut. F. Hall*.

were terrified by the appearance of a fowl of another kind, and infinitely larger than even the rocs which I met in my former voyages; for it was bigger than the biggest of the domes on your seraglio, oh, most Munificent of Caliphs. This terrible fowl had no head that we could perceive, but was fashioned entirely of belly, which was of a prodigious fatness and roundness, of a soft-looking substance, smooth, shining and striped with various colors. In its talons, the monster was bearing away to his eyrie in the heavens, a house from which it had knocked off the roof, and in the interior of which we distinctly saw human beings, who, beyond doubt, were in a state of frightful despair at the horrible fate which awaited them. We shouted with all our might, in the hope of frightening the bird into letting go of its prey; but it merely gave a snort or puff, as if of rage and then let fall upon our heads a heavy sack which proved to be filled with sand!'"

"Stuff!" said the king.

"'It was just after this adventure that we encountered a continent of immense extent and prodigious solidity, but which, nevertheless, was supported entirely upon the back of a sky-blue cow that had no fewer than four hundred horns.'" *

"*That*, now, I believe," said the king, "be-

* "The earth is upheld by a cow of a blue color, having horns four hundred in number."—*Sale's Koran.*

cause I have read something of the kind before, in a book."

"'We passed immediately beneath this continent, (swimming in between the legs of the cow, and, after some hours, found ourselves in a wonderful country indeed, which, I was informed by the man-animal, was his own native land, inhabited by things of his own species. This elevated the man-animal very much in my esteem, and in fact, I now began to feel ashamed of the contemptuous familiarity with which I had treated him; for I found that the man-animals in general were a nation of the most powerful magicians, who lived with worms in their brain,* which, no doubt, served to stimulate them by their painful writhings and wrigglings to the most miraculous efforts of imagination.'"

"Nonsense!" said the king.

"'Among the magicians, were domesticated several animals of very singular kinds; for example, there was a huge horse whose bones were iron and whose blood was boiling water. In place of corn, he had black stones for his usual food; and yet, in spite of so hard a diet, he was so strong and swift that he could drag a load more weighty than the grandest temple in this city, at a rate surpassing that of the flight of most birds.'" †

* "The *Entozoa*, or intestinal worms, have repeatedly been observed in the muscles, and in the cerebral substance of men."—*See Wyatt's Physiology*, p. 148.

† On the Great Western Railway, between London and

"Twattle!" said the king.

"'I saw, also, among these people a hen without feathers, but bigger than a camel; instead of flesh and bone she had iron and brick; her blood, like that of the horse, (to whom, in fact, she was nearly related,) was boiling water; and like him she ate nothing but wood or black stones. This hen brought forth very frequently, a hundred chickens in the day; and, after birth, they took up their residence for several weeks within the stomach of their mother.'" *

"Fal lal!" said the king.

"'One of this nation of mighty conjurors created a man out of brass and wood, and leather, and endowed him with such ingenuity that he would have beaten at chess, all the race of mankind with the exception of the great Caliph, Haroun Alraschid.† Another of these magi constructed (of like material) a creature that put to shame even the genius of him who made it; for so great were its reasoning powers that, in a second, it performed calculations of so vast an extent that they would have required the united labor of fifty thousand fleshy men for a year.‡ But a still more wonderful conjuror fashioned for himself a mighty thing that

Exeter, a speed of 71 miles per hour has been attained. A train weighing 90 tons was whirled from Paddington to Didcot (53 miles) in 51 minutes.

* The *Eccalobeion.*

† Maelzel's Automaton Chess-player.

‡ Babbage's Calculating Machine.

was neither man nor beast, but which had brains of lead, intermixed with a black matter like pitch, and fingers that employed with such incredible speed and dexterity that it would have had no trouble in writing out twenty thousand copies of the Koran in an hour; and this with so exquisite a precision, that in all the copies there should not be found one to vary from another by the breadth of the finest hair. This thing was of prodigious strength, so that it erected or overthrew the mightiest empires at a breath; but its powers were exercised equally for evil and for good.'"

"Ridiculous!" said the king.

"'Among this nation of necromancers there was also one who had in his veins the blood of the salamanders; for he made no scruple of sitting down to smoke his chiboue in a red-hot oven until his dinner was thoroughly roasted upon its floor.* Another had the faculty of converting the common metals into gold, without even looking at them during the process.† Another had such a delicacy of touch that he made a wire so fine as to be invisible.‡ Another had such quickness of perception that he counted all the separate motions of an elastic body, while it was springing backward and

* *Chabert*, and since him, a hundred others.

† The Electrotype.

‡ *Wollaston* made of platinum for the field of views in a telescope a wire one eighteen thousandth part of an inch in thickness. It could be seen only by means of the microscope.

forward at the rate of nine hundred millions of times in a second.'" *

"Absurd!" said the king.

"'Another of these magicians, by means of a fluid that nobody ever yet saw, could make the corpses of his friends brandish their arms, kick out their legs, fight, or even get up and dance at his will.† Another had cultivated his voice to so great an extent that he could have made himself heard from one end of the world to the other.‡ Another had so long an arm that he could sit down in Damascus and indite a letter at Bagdad—or indeed at any distance whatsoever.§ Another commanded the lightning to come down to him out of the heavens, and it came at his call; and served him for a plaything when it came. Another took two loud sounds and out of them made a silence. Another constructed a deep darkness out of two brilliant lights.‖ Another made ice in a red-

* Newton demonstrated that the retina beneath the influence of the violet ray of the spectrum, vibrated 900,000,000 of times in a second.

† The Voltaic pile.

‡ The Electro Telegraph Printing Apparatus.

§ The Electro telegraph transmits intelligence instantaneously—at least so far as regards any distance upon the earth.

‖ Common experiments in Natural Philosophy. If two red rays from two luminous points be admitted into a dark chamber so as to fall on a white surface, and differ in their length by 0.0000258 of an inch, their intensity is doubled. So also if the difference in length be any whole-number multiple of that fraction. A multiple by 2¼, 3¼, &c., gives an intensity equal to one ray only; but a multiple by 2½, 3½, &c., gives the result of total darkness. In violet rays similar effects arise when the difference in length is 0.000157 of an inch; and with

hot furnace.* Another directed the sun to paint his portrait, and the sun did.† Another took this luminary with the moon and the planets, and having first weighed them with scrupulous accuracy, probed into their depths and found out the solidity of the substance of which they are made. But the whole nation is, indeed, of so surprising a necromantic ability, that not even their infants, nor their commonest cats and dogs have any difficulty in seeing objects that do not exist at all, or that for twenty millions of years before the birth of the nation itself had been blotted out from the face of creation.'" ‡

all other rays the results are the same – the difference varying with a uniform increase from the violet to the red.

Analogous experiments in respect to sound produce analogous results.

* Place a platina crucible over a spirit lamp, and keep it a red heat; pour in some sulphuric acid, which, though the most volatile of bodies at a common temperature, will be found to become completely fixed in a hot crucible, and not a drop evaporates, being surrounded by an atmosphere of its own, it does not, in fact, touch the sides. A few drops of water are now introduced, when the acid, immediately coming in contact with the heated sides of the crucible, flies off in sulphurous acid vapor, and so rapid is its progress, that the caloric of the water passes off with it, which falls a lump of ice to the bottom; by taking advantage of the moment before it is allowed to re-melt, it may be turned out a lump of ice from a red-hot vessel.

† The Daguerreotype.

‡ Although light travels 167,000 miles in a second, the distance of 61 Cygni (the only star whose distance is ascertained) is so inconceivably great, that its rays would require more than ten years to reach the earth. For stars beyond this, 20 – or even 1000 years – would be a moderate estimate. Thus, if they had been annihilated 20, or 1000 years ago, we might still see them to lay by the light which *started* from their surfaces 20 or 1000 years in the past time. That many which we see daily are really extinct, is not impossible – not even improbable. –

"Preposterous!" said the king.

"'The wives and daughters of these incomparably great and wise magi,'" continued Scheherazade, without being in any manner disturbed by these frequent and most ungentlemanly interruptions on the part of her husband—"'the wives and daughters of these eminent conjurers are every thing that is accomplished and refined; and would be every thing that is interesting and beautiful, but for an unhappy fatality that besets them, and from which not even the miraculous powers of their husbands and fathers has, hitherto, been adequate to save. Some fatalities come in certain shapes, and some in others—but this of which I speak has come in the shape of a crotchet.'"

"A what?" said the king.

"'A crotchet,'" said Scheherazade. "'One of the evil genii, who are perpetually upon the watch to inflict ill, has put it into the heads of these accomplished ladies that the thing which we describe as personal beauty consists altogether in the protuberance of the region which lies not very far below the small of the back. Perfection of loveliness, they say, is in the direct ratio of the extent of this lump. Having been long possessed of this idea, and bolsters being cheap in that country, the days have long

The elder Herschel maintains that the light of the faintest nebulæ seen through his great telescope must have taken 3,000,000 years in reaching the earth. Some, made visible by Lord Ross' instrument, must, then, have required at least 20,000,000.

gone by since it was possible to distinguish a woman from a dromedary——'"

"Stop!" said the king—"I can't stand that, and I won't. You have already given me a dreadful headache with your lies. The day, too, I perceive, is beginning to break. How long have we been married?——my conscience is getting to be troublesome again. And then that dromedary touch—do you take me for a fool? Upon the whole, you might as well get up and be throttled."

These words, as I learn from the "Isitsöornot," both grieved and astonished Scheherazade; but, as she knew the king to be a man of scrupulous integrity, and quite unlikely to forfeit his word, she submitted to her fate with a good grace. She derived, however, great consolation, (during the tightening of the bowstring,) from the reflection that much of the history remained still untold, and that the petulance of her brute of a husband had reaped for him a most righteous reward, in depriving him of many inconceivable adventures.

A DESCENT INTO THE MAELSTROM.

The ways of God in Nature, as in Providence, are not as *our* ways; nor are the models that we frame in any way commensurate to the vastness, profundity, and unsearchableness of His works, *which have a depth in them greater than the well of Democritus.*

—Joseph Glanville.

We had now reached the summit of the loftiest crag. For some minutes the old man seemed too much exhausted to speak.

"Not long ago," said he at length, "and I could have guided you on this route as well as the youngest of my sons; but, about three years past, there happened to me an event such as never happened before to mortal man—or at least such as no man ever survived to tell of—and the six hours of deadly terror which I then endured have broken me up body and soul. You suppose me a *very* old man—but I am not. It took less than a single day to change these hairs from a jetty black to white, to weaken my limbs, and to unstring my nerves, so that I tremble at the least exertion, and am frightened at a shadow. Do you know I can scarcely look over this little cliff without getting giddy?"

The "little cliff," upon whose edge he had so carelessly thrown himself down to rest that the weightier portion of his body hung over it, while he was only kept from falling by the tenure of his elbow on its extreme and slippery edge—this "little cliff" arose, a sheer unobstructed precipice of black shining rock, some fifteen or sixteen hundred feet from the world of crags beneath us. Nothing would have tempted me to be within a half dozen yards of its brink. In truth so deeply was I excited by the perilous position of my companion, that I fell at full length upon the ground, clung to the shrubs around me, and dared not even glance upward at the sky—while I struggled in vain to divest myself of the idea that the foundations of the mountain were in danger from the fury of the winds. It was long before I could reason myself into sufficient courage to sit up and look out into the distance.

"You must get over these fancies," said the guide, "for I have brought you here that you might have the best possible view of the scene of that event I mentioned—and to tel you the whole story with the spot just under your eye."

"We are now," he continued, in that particularizing manner which distinguished him—"we are now close upon the Norwegian coast—in the sixty-eighth degree of latitude—in the great province of Nordland—and in the dreary district of Lofoden. The mountain upon whose top we sit is Helseggen, the Cloudy. Now

raise yourself up a little higher—hold on to the grass if you feell giddy—so—and look out, beyond the belt of vapor beneath us, into the sea."

I looked dizzily, and beheld a wide expanse of ocean, whose waters wore so inky a hue as to bring at once to my mind the Nubian geographer's account of the *Mare Tenebrarum*. A panorama more deplorably desolate no human imagination can conceive. To the right and left, as far as the eye could reach, there lay outstretched, like ramparts of the world, lines of horridly black and beetling cliff, whose character of gloom was but the more forcibly illustrated by the surf which reared high up against it its white and ghastly crest, howling and shrieking for ever. Just opposite the promontory upon whose apex we were placed, and at a distance of some five or six miles out at sea, there was visible a small, bleak-looking island; or, more properly, its position was discernible through the wilderness of surge in which it was enveloped. About two miles nearer the land, arose another of smaller size, hideously craggy and barren, and encompassed at various intervals by a cluster of dark rocks.

The appearance of the ocean, in the space between the more distant island and the shore, had something very unusual about it. Although, at the time, so strong a gale was blowing landward that a brig in the remote offing lay to under a double-reefed trysail, and constantly plunged her whole hull out of sight,

still there was here nothing like a regular swell, but only a short, quick, angry cross dashing of water in every direction—as well in the teeth of the wind as otherwise. Of foam there was little except in the immediate vicinity of the rocks.

"The island in the distance," resumed the old man, "is called by the Norwegians Vurrgh. The one midway is Moskoe. That a mile to the northward is Ambaaren. Yonder are Islesen, Hotholm, Keildhelm, Suarven, and Buckholm. Further off—between Moskoe and Vurrgh—are Otterholm, Flimen, Sandflesen, and Stockholm. These are the true names of the places—but why it has been thought necessary to name them at all, is more than either you or I can understand. Do you hear anything? Do you see any change in the water?"

We had now been about ten minutes upon the top of Helseggen, to which we had ascended from the interior of Lofoden so that we had caught no glimpse of the sea until it had burst upon us from the summit. As the old man spoke, I became aware of a loud and gradually increasing sound, like the moaning of a vast herd of buffaloes upon an American prairie; and at the same moment I perceived that what seamen term the *chopping* character of the ocean beneath us, was rapidly changing into a current which set to the eastward. Even while I gazed, this current acquired a monstrous velocity. Each moment added to its speed—to its

headlong impetuosity. In five minutes the whole sea, as far as Vurrgh, was lashed into ungovernable fury; but it was between Moskoe and the coast that the main uproar held its sway. Here the vast bed of the waters, seamed and scarred into a thousand conflicting channels, burst suddenly into phrensied convulsion—heaving, boiling, hissing—gyrating in gigantic and innumerable vortices, and all whirling and plunging on to the eastward with a rapidity which water never elsewhere assumes, except in precipitous descents.

In a few minutes more, there came over the scene another radical alteration. The general surface grew somewhat more smooth, and the whirlpools, one by one, disappeared, while prodigious streaks of foam became apparent where none had been seen before. These streaks, at length, spreading out to a great distance, and entering into combination, took unto themselves the gyratory motion of the subsided vortices, and seemed to form the germ of another more vast. Suddenly—very suddenly—this assumed a distinct and definite existence, in a circle of more than a mile in diameter. The edge of the whirl was represented by a broad belt of gleaming spray; but no particle of this slipped into the mouth of the terrific funnel, whose interior, as far as the eye could fathom it, was a smooth, shining, and jet-black wall of water, inclined to the horizon at an angle of some forty-five degrees, speeding dizzily round

and round with a swaying and sweltering motion, and sending forth to the winds an appalling voice, half shriek, half roar, such as not even the mighty cataract of Niagara ever lifts up in its agony to Heaven.

The mountain trembled to its very base, and the rock rocked. I threw myself upon my face, and clung to the scant herbage in an excess of nervous agitation.

"This," said I at length, to the old man—"this *can* be nothing else than the great whirlpool of the maelström."

"So it is sometimes termed," said he. "We Norwegians call it the Moskoe-ström, from the island of Moskoe in the midway."

The ordinary account of this vortex had by no means prepared me for what I saw. That of Jonas Ramus, which is perhaps the most circumstantial of any, cannot impart the faintest conception either of the magnificence, or of the horror of the scene—or of the wild bewildering sense of *the novel* which confounds the beholder. I am not sure from what point of view the writer in question surveyed it, nor at what time; but it could neither have been from the summit of Helseggen, nor during a storm. There are some passages of this description, nevertheless, which may be quoted for their details, although their effect is exceedingly feeble in conveying an impression of the spectacle.

"Between Lofoden and Moskoe," he says, "the depth of the water is between thirty-six

and forty fathoms; but on the other side, toward Ver (Vurrgh) this depth decreases so as not to afford a convenient passage for a vessel, without the risk of splitting on the rocks, which happens even in the calmest weather. When it is flood, the stream runs up the country between Lofoden and Moskoe with a boisterous rapidity; but the roar of its impetuous ebb to the sea is scarce equalled by the loudest and most dreadful cataracts; the noise being heard several leagues off, and the vortices or pits are of such an extent and depth, that if a ship comes within its attraction, it is inevitably absorbed and carried down to the bottom, and there beat to pieces against the rocks; and when the water relaxes, the fragments thereof are thrown up again. But these intervals of tranquillity are only at the turn of the ebb and flood, and in calm weather, and last but a quarter of an hour, its violence gradually returning. When the stream is most boisterous, and its fury heightened by a storm, it is dangerous to come within a Norway mile of it. Boats, yachts, and ships have been carried away by not guarding against it before they were carried within its reach. It likewise happens frequently, that whales come too near the stream, and are overpowered by its violence; and then it is impossible to describe their howlings and bellowings in their fruitless struggles to disengage themselves. A bear once, attempting to swim from Lofoden to Moskoe, was caught

by the stream and borne down, while he roared terribly, so as to be heard on shore. Large stocks of firs and pine trees, after being absorbed by the current, rise again broken and torn to such a degree as if bristles grew upon them. This plainly shows the bottom to consist of craggy rocks, among which they are whirled to and fro. This stream is regulated by the flux and reflux of the sea—it being constantly high and low water every six hours. In the year 1645, early in the morning of Sexagesima Sunday, it raged with such noise and impetuosity that the very stones of the houses on the coast fell to the ground."

In regard to the depth of the water, I could not see how this could have been ascertained at all in the immediate vicinity of the vortex. The "forty fathoms" must have reference only to portions of the channel close upon the shore either of Moskoe or Lofoden. The depth in the centre of the Moskoe-ström must be unmeasurably greater: and no better proof of this fact is necessary than can be obtained from even the sidelong glance into the abyss of the whirl which may be had from the highest crag of Helseggen. Looking down from this pinnacle upon the howling Phlegethon below, I could not help smiling at the simplicity with which the honest Jonas Ramus records, as a matter difficult of belief, the anecdotes of the whales and the bears, for it appeared to me, in fact, a self-evident thing, that the largest ships

of the line in existence, coming within the influence of that deadly attraction, could resist it as little as a feather the hurricane, and must disappear bodily and at once.

The attempts to account for the phenomenon—some of which I remember, seemed to me sufficiently plausible in perusal—now wore a very different and unsatisfactory aspect. The idea generally received is that this, as well as three smaller vortices among the Ferroe Islands, "have no other cause than the collision of waves rising and falling, at flux and reflux, against a ridge of rocks and shelves, which confines the water so that it precipitates itself like a cataract; and thus the higher the flood rises, the deeper must the fall be, and the natural result of all is a whirlpool or vortex, the prodigious suction of which is sufficiently known by lesser experiments."—These are the words of the Encyclopædia Brittanica. Kircher and others imagine that in the centre of the channel of the Maelström is an abyss penetrating the globe, and issuing in some very remote part—the Gulf of Bothnia being somewhat decidedly named in one instance. This opinion, idle in itself, was the one to which, as I gazed, my imagination most readily assented; and, mentioning it to the guide, I was rather surprised to hear him say that, although it was the view almost universally entertained of the subject by the Norwegians, it nevertheless was not his own. As to the former notion he confessed his inability to

comprehend it; and here I agreed with him—for, however conclusive on paper, it becomes altogether unintelligible, and even absurd, amid the thunder of the abyss.

"You have had a good look at the whirl now," said the old man, "and if you will creep round this crag, so as to get in its lee, and deaden the roar of the water, I will tell you a story that will convince you I ought to know something of the Moskoe-ström."

I placed myself as desired, and he proceeded.

"Myself and my two brothers once owned a schooner-rigged smack of about seventy tons burthen, with which we were in the habit of fishing among the islands beyond Moskoe, nearly to Vurrgh. In all violent eddies at sea there is good fishing, at proper opportunities, if one has only the courage to attempt it; but among the whole of the Lofoden coastmen, we three were the only ones who made a regular business of going out to the islands, as I tell you. The usual grounds are a great way lower down to the southward. There fish can be got at all hours, without much risk, and therefore these places are preferred. The choice spots over here among the rocks, however, not only yield the finest variety, but in far greater abundance; so that we often got in a single day, what the more timid of the craft could not scrape together in a week. In fact, we made it a matter of desperate speculation—the risk of

life standing instead of labor, and courage answering for capital.

"We kept the smack in a cove about five miles higher up the coast than this; and it was our practice, in fine weather, to take advantage of the fifteen minutes' slack to push across the main channel of the Moskoe-ström, far above the pool, and then drop down upon anchorage somewhere near Otterholm, or Sandflesen, where the eddies are not so violent as elsewhere. Here we used to remain until nearly time for slack-water again, when we weighed and made for home. We never set out upon this expedition without a steady side wind for going and coming—one that we felt sure would not fail us before our return—and we seldom made a miscalculation upon this point. Twice, during six years, we were forced to stay all night at anchor on account of a dead calm, which is a rare thing indeed just about here; and once we had to remain on the grounds nearly a week, starving to death, owing to a gale which blew up shortly after our arrival, and made the channel too boisterous to be thought of. Upon this occasion we should have been driven out to sea in spite of every thing, (for the whirlpools threw us round and round so violently, that, at length, we fouled our anchor and dragged it) if it had not been that we drifted into one of the innumerable cross currents—here to-day and gone to-morrow—which drove us under the lee of Flimen, where, by good luck, we brought up.

"I could not tell you the twentieth part of the difficulties we encountered 'on the ground' —it is a bad spot to be in, even in good weather —but we make shift always to run the gauntlet of the Moskoe-ström itself without accident; although at times my heart has been in my mouth when we happened to be a minute or so behind or before the slack. The wind sometimes was not as strong as we thought it at starting, and then we made rather less way than we could wish, while the current rendered the smack unmanageable. My eldest brother had a son eighteen years old, and I had two stout boys of my own. These would have been of great assistance at such times, in using the sweeps as well as afterward in fishing—but, somehow, although we ran the risk ourselves, we had not the heart to let the young ones get into the danger—for, after all said and done, it *was* a horrible danger, and that is the truth.

"It is now within a few days of three years since what I am going to tell you occurred. It was on the tenth of July, 18—, a day which the people of this part of the world will never forget—for it was one in which blew the most terrible hurricane that ever came out of the heavens. And yet all the morning and indeed until late in the afternoon, there was a gentle and steady breeze from the southwest, while the sun shone brightly, so that the oldest seaman among us could not have foreseen what was to follow.

"The three of us—my two brothers and my-

self—had crossed over to the islands about two o'clock P. M., and soon nearly loaded the smack with fine fish, which, we all remarked, were more plenty that day than we had ever known them. It was just seven, *by my watch,* when we weighed and started for home, so as to make the worst of the Ström at slack water, which we knew would be at eight.

"We set out with a fresh wind on our starboard quarter, and for some time spanked along at a great rate, never dreaming of danger, for indeed we saw not the slightest reason to apprehend it. All at once we were taken aback by a breeze from over Helseggen. This was most unusual—something that had never happened to us before—and I began to feel a little uneasy, without exactly knowing why. We put the boat on the wind, but could make no headway at all for the eddies, and I was upon the point of proposing to return to the anchorage, when, looking astern, we saw the whole horizon covered with a singular copper-colored cloud that rose with the most amazing velocity.

"In the meantime the breeze that had headed us off fell away and we were dead becalmed, drifting about in every direction. This state of things, however, did not last long enough to give us time to think about it. In less than a minute the storm was upon us—in less than two the sky was entirely overcast—and what with this and the driving spray, it became sud-

denly so dark that we could not see each other in the smack.

"Such a hurricane as then blew it is folly to attempt describing. The oldest seaman in Norway never experienced any thing like it. We had let our sails go by the run before it cleverly took us; but, at the first puff, both our masts went by the board as if they had been sawed off—the mainmast taking with it my youngest brother, who had lashed himself to it for safety.

"Our boat was the lightest feather of a thing that ever sat upon water. It had a complete flush deck, with only a small hatch near the bow, and this hatch it had always been our custom to batten down when about to cross the Ström, by way of precaution against the chopping seas. But for this circumstance we should have foundered at once—for we lay entirely buried for some moments. How my elder brother escaped destruction I cannot say, for I never had an opportunity of ascertaining. For my part, as soon as I had let the foresail run, I threw myself flat on deck, with my feet against the narrow gunwale of the bow, and with my hands grasping a ring-bolt near the foot of the foremast. It was mere instinct that prompted me to do this—which was undoubtedly the very best thing I could have done—for I was too much flurried to think.

"For some moments we were completely deluged, as I say, and all this time I held my breath, and clung to the bolt. When I could

stand it no longer I raised myself upon my knees, still keeping hold with my hands, and thus got my head clear. Presently our little boat gave herself a shake, just as a dog does in coming out of the water, and thus rid herself, in some measure, of the seas. I was now trying to get the better of the stuper that had come over me, and to collect my senses so as to see what was to be done, when I felt somebody grasp my arm. It was my elder brother, and my heart leaped for joy, for I had made sure that he was overboard—but the next moment all this joy was turned into horror—for he put his mouth close to my ear, and screamed out the word *'Moskoe-ström!'*

"No one will ever know what my feelings were at that moment. I shook from head to foot as if I had had the most violent fit of the ague. I knew what he meant by that one word well enough—I knew what he wished to make me understand. With the wind that now drove us on, we were bound for the whirl of the Ström, and nothing could save us!

"You perceive that in crossing the Ström *channel*, we always went a long way up above the whirl, even in the calmest weather, and then had to wait and watch carefully for the slack—but now we were driving right upon the pool itself, and in such a hurricane as this! 'To be sure,' I thought, 'we shall get there just about the slack—there is some little hope in that'—but in the next moment I cursed myself

for being so great a fool as to dream of hope at all. I knew very well that we were doomed, had we been ten times a ninety-gun ship.

"By this time the first fury of the tempest had spent itself, or perhaps we did not feel it so much, as we scudded before it, but at all events the seas, which at first had been kept down by the wind, and lay flat and frothing, now got up into absolute mountains. A singular change, too had come over the heavens. Around in every direction it was still as black as pitch, but nearly overhead there burst out, all at once, a circular rift of clear sky—as clear as I ever saw—and of a deep bright blue—and through it there blazed forth the full moon with a lustre that I never before knew her to wear. She lit up every thing about us with the greatest distinctness—but, oh God, what a scene it was to light up!

"I now made one or two attempts to speak to my brother—but in some manner which I could not understand, the din had so increased that I could not make him hear a single word, although I screamed at the top of my voice in his ear. Presently he shook his head, looking as pale as death, and held up one of his fingers, as if to say *'listen!'*

"At first I could not make out what he meant—but soon a hideous thought flashed upon me. I dragged my watch from its fob. It was not going. I glanced at its face by the moonlight, and then burst in tears as I flung

it far away into the ocean. *It had run down at seven o'clock! We were behind the time of the slack, and the whirl of the Ström was in full fury!*

"When a boat is well built, properly trimmed, and not deep laden, the waves in a strong gale, when she is going large, seem always to slip from beneath her—which appears strange to a landsman—and this is what is called *riding,* in sea phrase.

"Well, so far we had ridden the swells very cleverly; but presently a gigantic sea happened to take us right under the counter, and bore us with it as it rose—up—up—as if into the sky. I would not have believed that any wave could rise so high. And then down we came with a sweep, a slide, and a plunge that made me feel sick and dizzy, as if I was falling from some lofty mountain-top in a dream. But while we were up I had thrown a quick glance around—and that one glance was all-sufficient. I saw our exact position in an instant. The Moskoe-ström whirlpool was about a quarter of a mile dead ahead—but no more like the every-day Moskoe-ström than the whirl, as you now see it, is like a mill-race. If I had not known where we were, and what we had to expect, I should not have recognized the place at all. As it was, I involuntarily closed my eyes in horror. The lids clenched themselves together as if in a spasm.

"It could not have been more than two

minutes afterwards until we suddenly felt the waves subside, and were enveloped in foam. The boat made a sharp half turn to larboard, and then shot off in its new direction like a thunderbolt. At the same moment the roaring noise of the water was completely drowned in a kind of shrill shriek—such a sound as you might imagine given out by the water-pipes of many thousand steam-vessels letting off their steam all together. We were now in the belt of surf that always surrounds the whirl; and I thought, of course, that another moment would plunge us into the abyss, down which we could only see indistinctly on account of the amazing velocity with which we were borne along. The boat did not seem to sink into the water at all, but to skim like an air-bubble upon the surface of the surge. Her starboard side was next the whirl, and on the larboard arose the world of ocean we had left. It stood like a huge writhing wall between us and the horizon.

"It may appear strange, but now, when he were in the very jaws of the gulf, I felt more composed than when we were only approaching it. Having made up my mind to hope no more, I got rid of a great deal of that terror which unmanned me at first. I supposed it was despair that strung my nerves.

"It may look like boasting—but what I tell you is truth—I began to reflect how magnificent a thing it was to die in such a manner, and how foolish it was in me to think of so pal-

try a consideration as my own individual life, in view of so wonderful a manifestation of God's power. I do believe that I blushed with shame when this idea crossed my mind. After a little while I became possessed with the keenest curiosity about the whirl itself. I positively felt a *wish* to explore its depths, even at the sacrifice I was going to make; and my principal grief was that I should never be able to tell my old companions on shore about the mysteries I should see. These, no doubt, were singular fancies to occupy a man's mind in such extremity—and I have often thought since, that the revolutions of the boat around the pool might have rendered me a little light-headed.

"There was another circumstance which tended to restore my self-possession; and this was the cessation of the wind, which could not reach us in our present situation—for, as you saw for yourself, the belt of the surf is considerably lower than the general bed of the ocean, and this latter now towered above us, a high black, mountainous ridge. If you have never been at sea in a heavy gale, you can form no idea of the confusion of mind occasioned by the wind and spray together. They blind, deafen, and strangle you, and take away all power of action or reflection. But we were now, in a great measure, rid of these annoyances—just as death-condemned felons in prison are allowed petty indulgences, forbidden them while their doom is yet uncertain.

"How often we made the circuit of the belt it is impossible to say. We careered round and round for perhaps an hour, flying rather than floating, getting gradually more and more into the middle of the surge, and then nearer and nearer to its horrible inner edge. All this time I had never let go of the ring-bolt. My brother was at the stern, holding on to a small empty water-cask which had been securely lashed under the coop of the counter, and was the only thing on deck that had not been swept overboard when the gale first took us. As we approached the brink of the pit he let go his hold upon this, and made for the ring, from which, in the agony of his terror, he endeavored to force my hands, as it was not large enough to afford us both a secure grasp. I never felt deeper grief than when I saw him attempt this act—although I knew he was a madman when he did it—a raving maniac through sheer fright. I did not care, however, to contest the point with him. I knew it could make no difference whether either of us held on at all; so I let him have the bolt, and went astern to the cask. This there was no great difficulty in doing; for the smack flew round steadily enough, and upon an even keel—only swaying to and fro with the immense sweeps and swelters of the whirl. Scarcely had I secured myself in my new position, when we gave a wild lurch to starboard, and rushed headlong into the

abyss. I muttered a hurried prayer to God, and thought all was over.

"As I felt the sickening sweep of the descent, I had instinctively tightened my hold upon the barrel, and closed my eyes. For some seconds I dared not open them—while I expected instant destruction, and wondered that I was not already in my death-struggles with the water. But moment after moment elapsed. I still lived. The sense of falling had ceased; and the motion of the vessel seemed much as it had been before, while in the belt of foam, with the exception that she now lay more along. I took courage and looked once again upon the scene.

"Never shall I forget the sensation of awe, horror, and admiration with which I gazed about me. The boat appeared to be hanging, as if by magic, midway down, upon the interior surface of a funnel vast in circumference, prodigious in depth, and whose perfectly smooth sides might have been mistaken for ebony, but for the bewildering rapidity with which they spun around, and for the gleaming and ghastly radiance they shot forth, as the rays of the full moon, from that circular rift amid the clouds which I have already described, streamed in a flood of golden glory along the black walls, and far away down into the inmost recesses of the abyss.

"At first I was too much confused to observe any thing accurately. The general burst of

terrific grandeur was all that I beheld. When I recovered myself a little, however, my gaze fell instinctively downward. In this direction I was able to obtain an unobstructed view, from the manner in which the smack hung on the inclined surface of the pool. She was quite upon an even keel—that is to say, her deck lay in a plane parallel with that of the water—but this latter sloped at an angle of more than forty-five degrees, so that we seemed to be lying upon our beam-ends. I could not help observing, nevertheless, that I had scarcely more difficulty in maintaining my hold and footing in this situation, than if we had been upon a dead level; and this, I suppose, was owing to the speed at which we revolved.

"The rays of the moon seemed to search the very bottom of the profound gulf; but still I could make out nothing distinctly on account of a thick mist in which every thing there was enveloped, and over which there hung a magnificent rainbow, like that narrow and tottering bridge which Mussulmen say is the only pathway between Time and Eternity. This mist, or spray, was no doubt occasioned by the clashing of the great walls of the funnel, as they all met together at the bottom—but the yell that went up to the Heavens from out of that mist I dare not attempt to describe.

"Our first slide into the abyss itself, from the belt of foam above, had carried us to a great distance down the slope; but our farther descent

was by no means proportionate. Round and round we swept—not with any uniform movement—but in dizzying swings and jerks, that sent us sometimes only a few hundred yards—sometimes nearly the complete circuit of the whirl. Our progress downward, at each revolution, was slow, but very perceptible.

"Looking about me upon the wide waste of liquid ebony on which we were thus borne, I perceived that our boat was not the only object in the embrace of the whirl. Both above and below us were visible fragments of vessels, large masses of building-timber and trunks of trees, with many smaller articles, such as pieces of house furniture, broken boxes, barrels and staves. I have already described the unnatural curiosity which had taken the place of my original terrors. It appeared to grow upon me as I drew nearer and nearer to my dreadful doom. I now began to watch, with a strange interest, the numerous things that floated in our company. I *must* have been delirious, for I even sought *amusement* in speculating upon the relative velocities of their several descents toward the foam below. 'This fir-tree,' I found myself at one time saying, 'will certainly be the next thing that takes the awful plunge and disappears,'—and then I was disappointed to find that the wreck of a Dutch merchant ship overtook it and went down before. At length, after making several guesses of this nature, and being deceived in all—this fact—the fact of my

invariable miscalculation, set me upon a train of reflection that made my limbs again tremble, and my heart beat heavily once more.

"It was not a new terror that thus affected me, but the dawn of a more exciting *hope*. This hope arose partly from memory, and partly from present observation. I called to mind the great variety of buoyant matter that strewed the coast of Lofoden, having been absorbed and then thrown forth by the Moskoeström. By far the greater number of the articles were shattered in the most extraordinary way—so chafed and roughened as to have the appearance of being stuck full of splinters—but then I distinctly recollected that there were *some* of them which were not disfigured at all. Now I could not account for this difference except by supposing that the roughened fragments were the only ones which had been *completely absorbed*—that the others had entered the whirl at so late a period of the tide, or, from some reason, had descended so slowly after entering, that they did not reach the bottom before the turn of the flood came, or the ebb, as the case might be. I conceived it possible, in either instance, that they might thus be whirled up again to the level of the ocean, without undergoing the fate of those which had been drawn in more early or absorbed more rapidly. I made, also, three important observations. The first was, that as a general rule, the larger the bodies were, the more rapid their descent—the

second, that, between two masses of equal extent, the one spherical, and the other *of any other shape,* the superiority in speed of descent was with the sphere—the third, that, between two masses of equal size, the one cylindrical, and the other of any other shape, the cylinder was absorbed the more slowly. Since my escape, I have had several conversations on this subject with an old school-master of the district; and it was from him that I learned the use of the words 'cylinder' and 'sphere.' He explained to me—although I have forgotten the explanation—how what I observed was, in fact, the natural consequence of the forms of the floating fragments—and showed me how it happened that a cylinder, swimming in a vortex, offered more resistance to its suction, and was drawn in with greater difficulty than an equally bulky body, of any form whatever.*

"There was one startling circumstance which went a great way in enforcing these observations, and rendering me anxious to turn them to account, and this was that, at every revolution, we passed something like a barrel, or else the yard or the mast of a vessel, while many of these things, which had been on our level when I first opened my eyes upon the wonders of the whirlpool, were now high up above us, and seemed to have moved but little from their original station.

* See Archimedes, "*De Incidentibus in Fluido.*"—lib. 2.

"I no longer hesitated what to do. I resolved to lash myself securely to the water-cask upon which I now held, to cut it loose from the counter, and to throw myself with it into the water. I attracted my brother's attention by signs, pointed to the floating barrels that came near us, and did everything in my power to make him understand what I was about to do. I thought at length that he comprehended my design—but, whether this was the case or not, he shook his head despairingly, and refused to move from his station by the ring-bolt. It was impossible to reach him; the emergency admitted of no delay; and so, with a bitter struggle, I resigned him to his fate, fastened myself to the cask by means of the lashings which secured it to the counter, and precipitated myself with it into the sea, without another moment's hesitation.

"The result was precisely what I had hoped it might be. As it is myself who now tell you this tale—as you see that I *did* escape—and as you are already in possession of the mode in which this escape was effected, and must therefore anticipate all that I have farther to say—I will bring my story quickly to conclusion. It might have been an hour, or thereabout, after my quitting the smack, when, having descended to a vast distance beneath me, it made three or four wild gyrations in rapid succession, and, bearing my loved brother with it, plunged headlong, at once and forever, into the chaos of

foam below. The barrel to which I was attached sunk very little farther than half the distance between the bottom of the gulf and the spot at which I leaped overboard before a great change took place in the character of the whirlpool. The slope of the sides of the vast funnel became momently less and less steep. The gyrations of the whirl grew, gradually, less and less violent. By degrees, the froth and the rainbow disappeared, and the bottom of the gulf seemed slowly to uprise. The sky was clear, the winds had gone down, and the full moon was setting radiantly in the west, when I found myself on the surface of the ocean, in full view of the shores of Lofoden, and above the spot where the pool of the Moskoe-ström *had been*. It was the hour of the slack—but the sea still heaved in mountainous waves from the effects of the hurricane. I was borne violently into the channel of the Ström, and in a few minutes, was hurried down the coast into the 'grounds' of the fishermen. A boat picked me up—exhausted from fatigue—and (now that the danger was removed) speechless from the memory of its horror. Those who drew me on board were my old mates and daily companions—but they knew me no more than they would have known a traveller from the spirit-land. My hair, which had been raven black the day before, was as white as you see it now. They say too that the whole expression of my countenance had changed. I told them

my story— they did not believe it. I now tell it to *you*—and I can scarcely expect you to put more faith in it than did the merry fishermen of Lofoden."

VON KEMPELEN AND HIS DISCOVERY.

After the very minute and elaborate paper by Arago, to say nothing of the summary in *Silliman's Journal,* with the detailed statement just published by Lieutenant Maury, it will not be supposed, of course, that in offering a few hurried remarks in reference to Von Kempelen's discovery, I have any design to look at the subject in a *scientific* point of view. My object is simply, in the first place, to say a few words of Von Kempelen himself (with whom, some years ago, I had the honor of a slight personal acquaintance), since every thing which concerns him must necessarily, at this moment, be of interest; and, in the second place, to look in a general way, and speculatively, at the *results* of the discovery.

It may be as well, however, to premise the cursory observations which I have to offer, by denying, very decidedly, what seems to be a general impression (gleaned, as usual in a case of this kind, from the newspapers), viz.: that this discovery, astounding as it unquestionably is, is *unanticipated.*

By reference to the "Diary of Sir Humphrey Davy" (Cottle and Munroe, London, pp. 150), it will be seen at pp. 53 and 82, that this illustrious chemist had not only conceived the idea now in question, but had actually made *no inconsiderable progress, experimentally*, in the very *identical analysis* now so triumphantly brought to an issue by Von Kempelen, who although he makes not the slightest allusion to it, is, *without doubt* (I say it unhesitatingly, and can prove it, if required), indebted to the "Diary" for at least the first hint of his own undertaking. Although a little technical, I cannot refrain from appending two passages from the "Diary," with one of Sir Humphrey's equations. [As we have not the algebraic signs necessary, and as the "Diary" is to be found at the Athenæum Library, we omit here a small portion of Mr. Poe's manuscript.—Ed.]

The paragraph from the *Courier and Enquirer*, which is now going the rounds of the press, and which purports to claim the invention for a Mr. Kissam, of Brunswick, Maine, appears to me, I confess, a little apocryphal, for several reasons; although there is nothing either impossible or very improbable in the statement made. I need not go into details. My opinion of the paragraph is founded principally upon its *manner*. It does not *look* true. Persons who are narrating *facts*, are seldom so particular as Mr. Kissam seems to be, about day and date and precise location. Besides, if Mr.

Kissam actually *did* come upon the discovery he says he did, at the period designated—nearly eight years ago,—how happens it that he took no steps, *on the instant*, to reap the immense benefits which the merest bumpkin must have known would have resulted to him individually, if not to the world at large, from the discovery? It seems to me quite incredible that any man of common understanding could have discovered what Mr. Kissam says he did, and yet have subsequently acted so like a baby—so like an owl—as Mr. Kissam *admits* that he did. By-the-way, who *is* Mr. Kissam? and is not the whole paragraph in the *Courier and Enquirer* a fabrication got up to "make a talk"? It must be confessed that it has an amazingly moon-hoax-y air. Very little dependence is to be placed upon it, in my humble opinion; and if I were not well aware, from experience, how very easily men of science are *mystified*, on points out of their usual range of inquiry, I should be profoundly astonished at finding so eminent a chemist as Professor Draper, discussing Mr. Kissam's (or is it Mr. Quizzem's?) pretensions to the discovery, in so serious a tone.

But to return to the "Diary" of Sir Humphrey Davy. This pamphlet was *not* designed for the public eye, even upon the decease of the writer, as any person at all conversant with authorship may satisfy himself at once by the slightest inspection of the style. At page 13, for example, near the middle, we read, in ref-

erence to his researches about the protoxide of azote: "In less than half a minute the respiration being continued, diminished gradually and *were* succeeded by analogous to gentle pressure on all the muscles." That the *respiration* was not "diminished," is not only clear by the subsequent context, but by the use of the plural, "were." The sentence, no doubt, was thus intended: "In less than half a minute, the respiration being continued, [these feelings] diminished gradually, and were succeeded by [a sensation] analogous to gentle pressure on all the muscles." A hundred similar instances go to show that the MS. so inconsiderately published, was merely a *rough note-book*, meant only for the writer's own eye; but an inspection of the pamphlet will convince almost any thinking person of the truth of my suggestion. The fact is, Sir Humphrey Davy was about the last man in the world to *commit himself* on scientific topics. Not only had he a more than ordinary dislike to quackery, but he was morbidly afraid of *appearing* empirical; so that, however fully he might have been convinced that he was on the right track in the matter now in question, he would never have spoken *out*, until he had every thing ready for the most practical demonstration. I verily believe that his last moments would have been rendered wretched, could he have suspected that his wishes in regard to burning this "Diary" (full of crude specula-

tions) would have been unattended to; as, it seems, they were. I say "his wishes," for that he meant to include this note-book among the miscellaneous papers directed "to be burnt," I think there can be no manner of doubt. Whether it escaped the flames by good fortune or by bad, yet remains to be seen. That the passages quoted above, with the other similar ones referred to, gave Von Kempelen *the hint*, I do not in the slightest degree question; but I repeat, it yet remains to be seen whether this momentous discoverey itself (*momentous* under any circumstances) will be of service or disservice to mankind at large. That Von Kempelen and his immediate friends will reap a rich harvest, it would be folly to doubt for a moment. They will scarcely be so weak as not to "*realize*," in time, by large purchases of houses and land, with other property of *intrinsic* value.

In the brief account of Von Kempelen which appeared in the *Home Journal*, and has since been extensively copied, several misapprehensions of the German original seem to have been made by the translator, who professes to have taken the passage from a late number of the Presburg *Schnellpost*. "*Viele*" has evidently been misconceived (as it often is), and what the translator renders by "sorrows," is probably "lieden," which, in its true version, "sufferings," would give a totally different complexion

to the whole account; but, of course, much of this is merely guess, on my part.

Von Kempelen, however, is by no means "a misanthrope," in appearance, at least, whatever he may be in fact. My acquaintance with him was casual altogether; and I am scarcely warranted in saying that I know him at all; but to have seen and conversed with a man of so *prodigious* a notoriety as he has attained, or *will* attain in a few days, is not a small matter, as times go.

The Literary World speaks of him, confidently, as a *native* of Presburg (misled, perhaps, by the account in *The Home Journal*) but I am pleased in being able to state *positively*, since I have it from his own lips, that he was born in Utica, in the State of New York, although both his parents, I believe, are of Presburg descent. The family is connected, in some way, with Mäelzel, of automaton-chess-player memory. [If we are not mistaken, the name of the *inventor* of the chess-player was either Kempelen, Von Kempelen, or something like it. —Ed.] In person, he is short and stout, with large, *fat*, blue eyes, sandy hair and whiskers, a wide but pleasing mouth, fine teeth, and I think a Roman nose. There is some defect in one of his feet. His address is frank, and his whole manner noticeable for *bonhomie*. Altogether, he looks, speaks, and acts as little like "a misanthrope" as any man I ever saw. We were fellow-sojourners for a week about six years

ago, at Earl's Hotel, in Providence, Rhode Island; and I presume that I conversed with him, at various times, for some three or four hours altogether. His principal topics were those of the day; and nothing that fell from him led me to suspect his scientific attainments. He left the hotel before me, intending to go to New York, and thence to Bremen; it was in the latter city that his great discovery was first made public; or, rather, it was there that he was first suspected of having made it. This is about all that I personally know of the now immortal Von Kempelen; but I have thought that even these few details would have interest for the public.

There can be little question that most of the marvellous rumors afloat about this affair are pure inventions, entitled to about as much credit as the story of Aladdin's lamp; and yet, in a case of this kind, as in the case of the discoveries in California, it is clear that the truth *may be* stranger than fiction. The following anecdote, at least, is so well authenticated, that we may receive it implicitly.

Von Kempelen had never been even tolerably well off during his residence at Bremen; and often, it was well known, he had been put to extreme shifts in order to raise trifling sums. When the great excitement occurred about the forgery on the house of Gutsmuth & Co., suspicion was directed toward Von Kempelen, on account of his having purchased a considerable

property in Gasperitch Lane, and his refusing, when questioned, to explain how he became possessed of the purchase money. He was at length arrested, but nothing decisive appearing against him, was in the end set at liberty. The police, however, kept a strict watch upon his movements, and thus discovered that he left home frequently, taking always the same road, and invariably giving his watchers the slip in the neighborhood of that labyrinth of narrow and crooked passages known by the flash name of the "Dondergat." Finally, by dint of great perseverance, they traced him to a garret in an old house of seven stories, in an alley called Flatzplatz; and, coming upon him suddenly, found him, as they imagined, in the midst of his counterfeiting operations. His agitation is represented as so excessive that the officers had not the slightest doubt of his guilt. After handcuffing him, they searched his room, or rather rooms, for it appears he occupied all the *mansarde*.

Opening into the garret where they caught him, was a closet, ten feet by eight, fitted up with some chemical apparatus, of which the object has not yet been ascertained. In one corner of the closet was a very small furnace, with a glowing fire in it, and on the fire a kind of duplicate crucible—two crucibles connected by a tube. One of these crucibles was nearly full of *lead* in a state of fusion, but not reaching up to the aperture of the tube, which was close

to the brim. The other crucible had some liquid in it, which, as the officers entered, seemed to be furiously dissipating in vapor. They relate that, on finding himself taken, Von Kempelen seized the crucibles with both hands (which were encased in gloves that afterward turned out to be asbestic), and threw the contents on the tiled floor. It was now that they handcuffed him; and before proceeding to ransack the premises they searched his person, but nothing unusual was found about him, excepting a paper parcel, in his coat-pocket, containing what was afterward ascertained to be a mixture of antimony and some *unknown substance*, in nearly, but not quite, equal proportions. All attempts at analyzing the unknown substance have, so far, failed, but that it will ultimately be analyzed, is not to be doubted.

Passing out of the closet with their prisoner, the officers went through a sort of ante-chamber, in which nothing material was found, to the chemist's sleeping-room. They here rummaged some drawers and boxes, but discovered only a few papers, of no importance, and some good coin, silver and gold. At length, looking under the bed, they saw *a large, common hair trunk, without hinges, hasp, or lock*, and with the top lying carelessly *across* the bottom portion. Upon attempting to draw this trunk out from under the bed, they found that, with their united strength (there were three of them, all powerful men), they "could not stir it one

inch." Much astonished at this, one of them crawled under the bed, and looking into the trunk, said: "[illegible]

"No wonder we couldn't move it—why it's full to the brim of old bits of brass!"

Putting his feet, now, against the wall, so as to get a good purchase, and pushing with all his force, while his companions pulled with all theirs, the trunk, with much difficulty, was slid out from under the bed, and its contents examined. The supposed brass with which it was filled was all in small, smooth pieces, varying from the size of a pea to that of a dollar; but the pieces were irregular in shape, although more or less flat—looking, upon the whole, "very much as lead looks when thrown upon the ground in a molten state, and there suffered to grow cool." Now, not one of these officers for a moment suspected this metal to be any thing *but* brass. The idea of its being *gold* never entered their brains, of course; how *could* such a wild fancy have entered it? And their astonishment may be well conceived, when the next day it became known, all over Bremen, that the "lot of brass" which they had carted so contemptuously to the police office, without putting themselves to the trouble of pocketing the smallest scrap, was not only gold—real gold—but gold far finer than any employed in coinage—gold, in fact, absolutely pure, virgin, without the slightest appreciable alloy.

I need not go over the details of Von Kem-

pelen's confession (as far as it went) and release, for these are familiar to the public. That he has actually realized, in spirit and in effect, if not to the letter, the old chimera of the philosopher's stone, no sane person is at liberty to doubt. The opinions of Arago are, of course, entitled to the greatest consideration; but he is by no means infallible; and what he says of *bismuth*, in his report to the Academy, must be taken *cum grano salis*. The simple truth is, that up to this period *all* analysis has failed; and until Von Kempelen chooses to let us have the key to his own published enigma, it is more than probable that the matter will remain, for years, *in statu quo*. All that yet can fairly be said to be known is, that "*Pure gold can be made at will, and very readily from lead in connection with certain other substances, in kind and in proportions, unknown.*"

Speculation, of course, is busy as to the immediate and ultimate results of this discovery —a discovery which few thinking persons will hesitate in referring to an increased interest in the matter of gold generally, by the late developments in California; and this reflection brings us inevitably to another—the exceeding *inopportuneness* of Von Kempelen's analysis. If many were prevented from adventuring to California, by the mere apprehension that gold would so materially diminish in value, on account of its plentifulness in the mines there, as to render the speculation of going so far in

search of it a doubtful one—what impression will be wrought *now*, upon the minds of those about to emigrate, and especially upon the minds of those actually in the mineral region, by the announcement of this astounding discovery of Von Kempelen? a discovery which declares, in so many words, that beyond its intrinsic worth for manufacturing purposes (whatever that worth may be), gold now is, or at least soon will be (for it cannot be supposed that Von Kempelen can *long* retain his secret), of no greater *value* than lead, and of far inferior value to silver. It is, indeed, exceedingly difficult to speculate prospectively upon the consequences of the discovery; but one thing may be positively maintained—that the announcement of the discovery six months ago would have had material influence in regard to the settlement of California.

In Europe, as yet, the most noticeable results have been a rise of two hundred per cent. in the price of lead, and nearly twenty-five per cent. in that of silver.

MESMERIC REVELATION.

WHATEVER doubt may still envelop the *rationale* of mesmerism, its startling *facts* are now almost universally admitted. Of these latter, those who doubt, are your mere doubters by profession—an unprofitable and disreputable tribe. There can be no more absolute waste of time than the attempt to *prove*, at the present day, that man, by mere exercise of will, can so impress his fellow as to cast him into an abnormal condition, in which the phenomena resemble very closely those of *death*, or at least resemble them more nearly than they do the phenomena of any other normal condition within our cognizance; that, while in this state, the person so impressed employs only with effort, and then feebly, the external organs of sense, yet perceives, with keenly refined perception, and through channels supposed unknown, matters beyond the scope of the physical organs; that, moreover, his intellectual faculties are wonderfully exalted and invigorated; that his sympathies with the person so impressing him are profound; and, finally, that

his susceptibility to the impression increases with its frequency, while in the same proportion, the peculiar phenomena elicited are more extended and more *pronounced*.

I say that these—which are the laws of mesmerism in its general features—it would be supererogation to demonstrate; nor shall I inflict upon my readers so needless a demonstration to-day. My purpose at present is a very different one indeed. I am impelled, even in the teeth of a world of prejudice, to detail, without comment, the very remarkable substance of a colloquy occurring between a sleep-waker and myself.

I had long been in the habit of mesmerizing the person in question (Mr. Vankirk), and the usual acute susceptibility and exaltation of the mesmeric perception had supervened. For many months he had been laboring under confirmed phthisis, the more distressing effects of which had been relieved by my manipulations; and on the night of Wednesday, the fifteenth instant, I was summoned to his bedside.

The invalid was suffering with acute pain in the region of the heart, and breathed with great difficulty, having all the ordinary symptoms of asthma. In spasms such as these he had usually found relief from the application of mustard to the nervous centres, but to-night this had been attempted in vain.

As I entered his room he greeted me with a cheerful smile, and although evidently in

much bodily pain, appeared to be, mentally, quite at ease.

"I sent for you to-night," he said, "not so much to administer to my bodily ailment, as to satisfy me concerning certain psychal impressions which, of late, have occasioned me much anxiety and surprise. I need not tell you how sceptical I have hitherto been on the topic of the soul's immortality. I cannot deny that there has always existed, as if in that very soul which I have been denying, a vague half-sentiment of its own existence. But this half-sentiment at no time amounted to conviction. With it my reason had nothing to do. All attempts at logical inquiry resulted, indeed, in leaving me more sceptical than before. I had been advised to study Cousin. I studied him in his own works as well as in those of his European and American echoes. The 'Charles Elwood' of Mr. Brownson for example, was placed in my hands. I read it with profound attention. Throughout I found it logical, but the portions which were not *merely* logical were unhappily the initial arguments of the disbelieving hero of the book. In his summing up it seemed evident to me that the reasoner had not even succeeded in convincing himself. His end had plainly forgotten his beginning, like the government of Trinculo. In short, I was not long in perceiving that if man is to be intellectually convinced of his own immortality, he will never be so convinced

by the mere abstractions which have been so long the fashion of the moralists of England, of France, and of Germany. Abstractions may amuse and exercise, but take no hold on the mind. Here upon earth, at least, philosophy, I am persuaded, will always in vain call upon us to look upon qualities as things. The will may assent—the soul—the intellect, never.

"I repeat, then, that I only half felt, and never intellectually believed. But latterly there has been a certain deepening of the feeling, until it has come so nearly to resemble the acquiescence of reason, that I find it difficult to distinguish between the two. I am enabled, too, plainly to trace this effect to the mesmeric influence. I cannot better explain my meaning than by the hypothesis that the mesmeric exaltation enables me to perceive a train of ratiocination which, in my abnormal existence, convinces, but which, in full accordance with the mesmeric phenomena, does not extend, except through its *effect*, into my normal condition. In sleep-waking, the reasoning and its conclusion—the cause and its effect—are present together. In my natural state, the cause vanishing, the effect only, and perhaps only partially, remains.

"These considerations have led me to think that some good results might ensue from a series of well-directed questions propounded to me while mesmerized. You have often observed the profound self-cognizance evinced by the sleep-

waker—the extensive knowledge he displays upon all points relating to the mesmeric condition itself; and from this self-cognizance may be deduced hints for the proper conduct of a catechism."

I consented of course to make this experiment. A few passes threw Mr. Vankirk into the mesmeric sleep. His breathing became immediately more easy, and he seemed to suffer no physical uneasiness. The following conversation then ensued:—V. in the dialogue representing the patient, and P. myself.

P. Are you asleep?

V. Yes—no; I would rather sleep more soundly.

P. [*After a few more passes.*] Do you sleep now?

V. Yes.

P. How do you think your present illness will result?

V. [*After a long hesitation and speaking as if with effort.*] I must die.

P. Does the idea of death afflict you?

V. [*Very quickly.*] No—no!

P. Are you pleased with the prospect?

V. If I were awake I should like to die, but now it is no matter. The mesmeric condition is so near death as to content me.

P. I wish you would explain yourself, Mr. Vankirk.

V. I am willing to do so, but it requiers more

effort than I feel able to make. You do not question me properly.

P. What then shall I ask?

V. You must begin at the beginning.

P. The beginning! But where is the beginning?

V. You know that the beginning is God. [*This was said in a low, fluctuating tone, and with every sign of the most profound veneration.*]

P. What, then, is God?

V. [*Hesitating for many minutes.*] I cannot tell.

P. Is not God spirit?

V. While I was awake I knew what you meant by "spirit," but now it seems only a word—such, for instance, as truth, beauty—a quality, I mean.

P. Is not God immaterial?

V. There is no immateriality; it is a mere word. That which is not matter, is not at all—unless qualities are things.

P. Is God, then, material?

V. No. [*This reply startled me very much.*]

P. What, then, is he?

V. [*after a long pause, and mutteringly.*] I see—but it is a thing difficult to tell. [*Another long pause.*] He is not spirit, for he exists. Nor is he matter, *as you understand it*. But there are *gradations* of matter of which man knows nothing; the grosser impelling the finer,

the finer pervading the grosser. The atmosphere, for example, impels the electric principle, while the electric principle permeates the atmosphere. These gradations of matter increase in rarity or fineness until we arrive at a matter *unparticled*—without particles—indivisible—*one;* and here the law of impulsion and permeation is modified. The ultimate or unparticled matter not only permeates all things, but impels all things; and thus *is* all things within itself. This matter is God. What men attempt to embody in the word "thought," is this matter in motion.

P. The metaphysicians maintain that all action is reducible to motion and thinking, and that the latter is the origin of the former.

V. Yes; and I now see the confusion of idea. Motion is the action of *mind*, not of *thinking*. The unparticled matter, or God, in quiescence, is (as nearly as we can conceive it) what men call mind. And the power of self-movement (equivalent in effect to human volition) is, in the unparticled matter, the result of its unity and omniprevalence; *how*, I know not, and now clearly see that I shall never know. But the unparticled matter, set in motion by a law or quality existing within itself, is thinking.

P. Can you give me no more precise idea of what you term the unparticled matter?

V. The matters of which man is cognizant escape the senses in gradation. We have, for example, a metal, a piece of wood, a drop of

water, the atmosphere, a gas, caloric, electricity, the luminiferous ether. Now, we call all these things matter, and embrace all matter in one general definition; but in spite of this, there can be no two ideas more essentially distinct than that which we attach to a metal, and that which we attach to the luminiferous ether. When we reach the latter, we feel an almost irresistible inclination to class it with spirit, or with nihility. The only consideration which restrains us is our conception of its atomic constitution; and here, even, we have to seek aid from our notion of an atom, as something possessing in infinite minuteness, solidity, palpability, weight. Destroy the idea of the atomic constitution and we should no longer be able to regard the ether as an entity, or, at least, as matter. For want of a better word we might term it spirit. Take, now, a step beyond the luminiferous ether; conceive a matter as much more rare than the ether, as this ether is more rare than the metal, and we arrive at once (in spite of all the school dogmas) at a unique mass—an unparticled matter. For although we may admit infinite littleness in the atoms themselves, the infinitude of littleness in the spaces between them is an absurdity. There will be a point—there will be a degree of rarity at which, if the atoms are sufficiently numerous, the interspaces must vanish, and the mass absolutely coalesce. But the consideration of the atomic constitution being now taken

away, the nature of the mass inevitably glides into what we conceive of spirit. It is clear, however, that it is as fully matter as before. The truth is, it is impossible to conceive spirit, since it is impossible to imagine what is not. When we flatter ourselves that we have formed its conception, we have merely deceived our understanding by the consideration of infinitely rarified matter.

P. There seems to me an insurmountable objection to the idea of absolute coalescence;—and that is the very slight resistance experienced by the heavenly bodies in their revolutions through space—a resistance now ascertained, it is true, to exist in *some* degree, but which is, nevertheless, so slight as to have been quite overlooked by the sagacity even of Newton. We know that the resistance of bodies is, chiefly, in proportion to their density. Absolute coalescence is absolute density. Where there are no interspaces, there can be no yielding. An ether, absolutely dense, would put an infinitely more effectual stop to the progress of a star than would an ether of adamant or of iron.

V. Your objection is answered with an ease which is nearly in the ratio of its apparent unanswerability.—As regards the progress of the star, it can make no difference whether the star passes through the ether *or the ether through it.* There is no astronomical error more unaccountable than that which reconciles the known retardation of the comets with the idea of their

passage through an ether; for, however rare this ether be supposed, it would put a stop to all sidereal revolution in a very far briefer period than has been admitted by those astronomers who have endeavored to slur over a point which they found it impossible to comprehend. The retardation actually experienced is, on the other hand, about that which might be expected from the *friction* of the ether in the instantaneous passage through the orb. In the one case, the retarding force is momentary and complete within itself—in the other it is endlessly accumulative.

P. But in all this—in this identification of mere matter with God—is there nothing of irreverence? [*I was forced to repeat this question before the sleep-waker fully comprehended my meaning.*]

V. Can you say *why* matter should be less reverenced than mind? But you forget that the matter of which I speak is, in all respects, the very "mind" or "spirit" of the schools, so far as regards its high capacities, and is, moreover, the "matter" of these schools at the same time. God, with all the powers attributed to spirit, is but the perfection of matter.

P. You assert, then, that the unparticled matter, in motion, is thought.

V. In general, this motion is the universal thought of the universal mind. This thought creates. All created things are but the thoughts of God.

P. You say, "in general."

V. Yes. The universal mind is God. For new individualities, *matter* is necessary.

P. But you now speak of "mind" and "matter" as do the metaphysicians.

V. Yes—to avoid confusion. When I say "mind," I mean the unparticled or ultimate matter; by "matter," I intend all else.

P. You were saying that "for new individualities matter is necessary."

V. Yes; for mind, existing unincorporate, is merely God. To create individual, thinking beings, it was necessary to incarnate portions of the divine mind. Thus man is individualized. Divested of corporate investiture, he were God. Now the particular motion of the incarnated portions of the unparticled matter is the thought of man; as the motion of the whole is that of God.

P. You say that divested of the body man will be God?

V. [*After much hesitation.*] I could not have said this; it is an absurdity.

P. [*Referring to my notes.*] You *did* say that "divested of corporate investiture man were God."

V. And this is true. Man thus divested *would be* God—would be unindividualized. But he can never be thus divested—at least never *will be*—else we must imagine an action of God returning upon itself—a purposeless and futile action. Man is a creature. Creatures

are thoughts of God. It is the nature of thought to be irrevocable.

P. I do not comprehend. You say that man will never put off the body?

V. I say that he will never be bodiless.

P. Explain.

V. There are two bodies—the rudimental and the complete, corresponding with the two conditions of the worm and the butterfly. What we call "death," is but the painful metamorphosis. Our present incarnation is progressive, preparatory, temporary. Our future is perfected, ultimate, immortal. The ultimate life is the full design.

P. But of the worm's metamorphosis we are palpably cognizant.

V. *We*, certainly—but not the worm. The matter of which our rudimental body is composed, is within the ken of the organs of that body; or, more distinctly, our rudimental organs are adapted to the matter of which is formed the rudimental body; but not to that of which the ultimate is composed. The ultimate body thus escapes our rudimental senses, and we perceive only the shell which falls, in decaying, from the inner form not that inner form itself; but this inner form as well as the shell, is appreciable by those who have already acquired the ultimate life.

P. You have often said that the mesmeric state very nearly resembles death. How is this?

V. When I say that it resembles death, I

mean that it resembles the ultimate life; for when I am entranced the senses of my rudimental life are in abeyance, and I perceive external things directly, without organs, through a medium which I shall employ in the ultimate, unorganized life.

P. Unorganized?

V. Yes; organs are contrivances by which the individual is brought into sensible relation with particular classes and forms of matter, to the exclusion of other classes and forms. The organs of man are adapted to his rudimental condition, and to that only; his ultimate condition, being unorganized, is of unlimited comprehension in all points but one—the nature of the volition of God—that is to say, the motion of the unparticled matter. You may have a distinct idea of the ultimate body by conceiving it to be entire brain. This it is *not;* but a conception of this nature will bring you near a comprehension of what it *is.* A luminous body imparts vibration to the luminiferous ether. The vibrations generate similar ones within the retina; these again communicate similar ones to the optic nerve. The nerve conveys similar ones to the brain; the brain, also, similar ones to the unparticled matter which permeates it. The motion of this latter is thought, of which perception is the first undulation. This is the mode by which the mind of the rudimental life communicates with the external world; and this external world is, to the ru-

dimental life, limited, through the idiosyncrasy of its organs. But in the ultimate, unorganized life, the external world reaches the whole body, (which is of a substance having affinity to brain, as I have said,) with no other intervention than that of an infinitely rarer ether than even the luminiferous; and to this ether—in unison with it—the whole body vibrates, setting in motion the unparticled matter which permeates it. It is to the absence of idiosyncratic organs, therefore, that we must attribute the nearly unlimited perception of the ultimate life. To rudimental beings, organs are the cages necessary to confine them until fledged.

P. You speak of rudimental "beings." Are there other rudimental thinking beings than man?

V. The multitudinous conglomeration of rare matter into nebulæ, planets, suns, and other bodies which are neither nebulæ, suns, nor planets, is for the sole purpose of supplying *pabulum* for the idiosyncrasy of the organs of an infinity of rudimental beings. But for the necessity of the rudimental, prior to the ultimate life, there would have been no bodies such as these. Each of these is tenanted by a distinct variety of organic rudimental, thinking creatures. In all, the organs vary with the features of the place tenanted. At death, or metamorphosis, these creatures, enjoying the ultimate life—immortality—and cognizant of all secrets but *the one,* act all things and pass

every where by mere volition:—indwelling, not the stars, which to us seem the sole palpabilities, and for the accommodation of which we blindly deem space created—but that SPACE itself—that infinity of which the truly substantive vastness swallows up the star-shadows—blotting them out as non-entities from the perception of the angels.

P. You say that "but for the *necessity* of the rudimental life, there would have been no stars. But why this necessity?

V. In the inorganic life, as well as in the inorganic matter generally, there is nothing to impede the action of one simple *unique* law—the Divine Volition. With the view of producing impediment, the organic life and matter (complex, substantial, and law-encumbered) were contrived.

P. But again—why need this impediment have been produced?

V. The result of law inviolate is perfection—right—negative happiness. The result of law violate is imperfection, wrong, positive pain. Through the impediments afforded by the number, complexity, and substantiality of the laws of organic life and matter, the violation of law is rendered, to a certain extent, practicable. Thus pain, which in the inorganic life is impossible, is possible in the organic.

P. But to what good end is pain thus rendered possible?

V. All things are either good or bad by com-

parison. A sufficient analysis will show that pleasure, in all cases, is but the contrast of pain. *Positive* pleasure is a mere idea. To be happy at any one point we must have suffered at the same. Never to suffer would have been never to have been blessed. But it has been shown that, in the inorganic life, pain cannot be; thus the necessity for the organic. The pain of the primitive life of Earth, is the sole basis of the bliss of the ultimate life in Heaven.

P. Still, there is one of your expressions which I find it impossible to comprehend—"the truly *substantive* vastness of infinity."

V. This, probably, is because you have no sufficiently generic conception of the term "*substance*" itself. We must not regard it as a quality, but as a sentiment:—it is the perception, in thinking beings, of the adaptation of matter to their organization. There are many things on the Earth, which would be nihility to the inhabitants of Venus—many things visible and tangible in Venus, which we could not be brought to appreciate as existing at all. But to the inorganic beings—to the angels—the whole of the unparticled matter is substance; that is to say, the whole of what we term "space," is to them the truest substantiality;—the stars, meantime, through what we consider their materiality, escaping the angelic sense, just in proportion as the unparticled matter, through what we consider its immateriality, eludes the organic.

As the sleep-waker pronounced these latter words, in a feeble tone, I observed on his countenance a singular expression, which somewhat alarmed me, and induced me to awake him at once. No sooner had I done this, than, with a bright smile irradiating all his features, he fell back upon his pillow and expired. I noticed that in less than a minute afterward his corpse had all the stern rigidity of stone. His brow was of the coldness of ice. Thus, ordinarily, should it have appeared, only after long pressure from Azrael's hand. Had the sleep-waker, indeed, during the latter portion of his discourse, been addressing me from out the region of the shadows?

THE FACTS IN THE CASE OF M. VALDEMAR.

Of course I shall not pretend to consider it any matter for wonder, that the extraordinary case of M. Valdemar has excited discussion. It would have been a miracle had it not—especially under the circumstances. Through the desire of all parties concerned, to keep the affair from the public, at least for the present, or until we had further opportunities for investigation—through our endeavors to effect this—a garbled or exaggerated account made its way into society, and became the source of many unpleasant misrepresentations; and, very naturally, of a great deal of disbelief.

It is now rendered necessary that I give the *facts*—as far as I comprehend them myself. They are, succinctly, these:

My attention, for the last three years, had been repeatedly drawn to the subject of Mesmerism; and, about nine months ago, it occurred to me, quite suddenly, that in the series of experiments made hitherto, there had been a very remarkable and most unaccountable omis-

sion:—no person had as yet been mesmerized *in articulo mortis*. It remained to be seen, first, whether, in such condition, there existed in the patient any susceptibility to the magnetic influence; secondly, whether, if any existed, it was impaired or increased by the condition; thirdly, to what extent, or for how long a period, the encroachments of Death might be arrested by the process. There were other points to be ascertained, but these most excited my curiosity —the last in especial, from the immensely important character of its consequences.

In looking around me for some subject by whose means I might test these particulars, I was brought to think of my friend, M. Ernest Valdemar, the well-known compiler of the "Bibliotheca Forensica," and author (under the *nom de plume* of Issachar Marx) of the Polish versions of "Wallenstein" and "Gargantua." M. Valdemar, who has resided principally at Harlem, N. Y., since the year 1839, is (or was) particularly noticeable for the extreme spareness of his person—his lower limbs much resembling those of John Randolph; and, also, for the whiteness of his whiskers, in violent contrast to the blackness of his hair—the latter, in consequence, being very generally mistaken for a wig. His temperament was markedly nervous, and rendered him a good subject for mesmeric experiment. On two or three occasions I had put him to sleep with little difficulty, but was disappointed in other results

which his peculiar constitution had naturally led me to anticipate. His will was at no period positively, or thoroughly, under my control, and in regard to *clairvoyance*, I could accomplish with him nothing to be relied upon. I always attributed my failure at these points to the disordered state of his health. For some months previous to my becoming acquainted with him, his physicians had declared him in a confirmed phthisis. It was his custom, indeed, to speak calmly of his approaching dissolution, as of a matter neither to be avoided nor regretted.

When the ideas to which I have alluded first occurred to me, it was of course very natural that I should think of M. Valdemar. I knew the steady philosophy of the man too well to apprehend any scruples from *him*; and he had no relatives in America who would be likely to interfere. I spoke to him frankly upon the subject; and, to my surprise, his interest seemed vividly excited. I say to my surprise; for, although he had always yielded his person freely to my experiments, he had never before given me any tokens of sympathy with what I did. His disease was of that character which would admit of exact calculation in respect to the epoch of its termination in death; and it was finally arranged between us that he would send for me about twenty-four hours before the period announced by his physicians as that of his decease.

It is now rather more than seven months

since I received, from M. Valdemar himself, the subjoined note:

"My Dear P——,

"You may as well come *now*. D—— and F—— are agreed that I cannot hold out beyond to-morrow midnight; and I think they have hit the time very nearly. Valdemar."

I received this note within half an hour after it was written, and in fifteen minutes more I was in the dying man's chamber. I had not seen him for ten days, and was appalled by the fearful alteration which the brief interval had wrought in him. His face wore a leaden hue; the eyes were utterly lustreless; and the emaciation was so extreme, that the skin had been broken through by the cheek-bones. His expectoration was excessive. The pulse was barely perceptible. He retained, nevertheless, in a very remarkable manner, both his mental power and a certain degree of physical strength. He spoke with distinctness—took some palliative medicines without aid—and, when I entered the room, was occupied in penciling memoranda in a pocket-book. He was propped up in the bed by pillows. Doctors D—— and F—— were in attendance.

After pressing Valdemar's hand, I took these gentlemen aside, and obtained from them a minute account of the patient's condition. The left lung had been for eighteen months in a

semi-osseous or cartilaginous state, and was, of course, entirely useless for all purposes of vitality. The right, in its upper portion, was also partially, if not thoroughly, ossified, while the lower region was merely a mass of purulent tubercles, running one into another. Several extensive perforations existed; and, at one point, permanent adhesion to the ribs had taken place. These appearances in the right lobe were of comparatively recent date. The ossification had proceeded with very unusual rapidity; no sign of it had been discovered a month before, and the adhesion had only been observed during the three previous days. Independently of the phthisis, the patient was suspected of aneurism of the aorta; but on this point the osseous symptoms rendered an exact diagnosis impossible. It was the opinion of both physicians that M. Valdemar would die about midnight on the morrow (Sunday.) It was then seven o'clock on Saturday evening.

On quitting the invalid's bedside to hold conversation with myself, Doctors D—— and F—— had bidden him a final farewell. It had not been their intention to return; but, at my request, they agreed to look in upon the patient about ten the next night.

When they had gone, I spoke freely with M. Valdemar on the subject of his approaching dissolution, as well as, more particularly, of the experiment proposed. He still professed himself quite willing and even anxious to have it

made, and urged me to commence it at once. A male and a female nurse were in attendance; but I did not feel myself altogether at liberty to engage in a task of this character with no more reliable witnesses than these people, in case of sudden accident, might prove. I therefore postponed operations until about eight the next night, when the arrival of a medical student, with whom I had some acquaintance, (Mr. Theodore L——l,) relieved me from further embarrassment. It had been my design, originally, to wait for the physicians; but I was induced to proceed, first, by the urgent entreaties of M. Valdemar, and secondly, by my conviction that I had not a moment to lose, as he was evidently sinking fast.

Mr. L——l was so kind as to accede to my desire that he would take notes of all that occurred; and it is from his memoranda that what I now have to relate is, for the most part, either condensed or copied *verbatim*.

It wanted about five minutes of eight when, taking the patient's hand, I begged him to state, as distinctly as he could, to Mr. L——, whether he (M. Valdemar) was entirely willing that I should make the experiment of mesmerizing him in his then condition.

He replied feebly, yet quite audibly: "Yes, I wish to be mesmerized"—adding immediately afterward: "I fear you have deferred it too long."

While he spoke thus, I commenced the passes

which I had already found most effectual in subduing him. He was evidently influenced with the first lateral stroke of my hand across his forehead; but, although I exerted all my powers, no further perceptible effect was induced until some minutes after ten o'clock, when Doctors D—— and F—— called, according to appointment. I explained to them, in a few words, what I designed, and as they opposed no objection, saying that the patient was already in the death agony, I proceeded without hesitation—exchanging, however, the lateral passes for downward ones, and directing my gaze entirely into the right eye of the sufferer.

By this time his pulse was imperceptible and his breathing was stertorious, and at intervals of half a minute.

This condition was nearly unaltered for a quarter of an hour. At the expiration of this period, however, a natural although a very deep sigh escaped from the bosom of the dying man, and the stertorious breathing ceased—that is to say, its stertoriousness was no longer apparent; the intervals were undiminished. The patient's extremities were of an icy coldness.

At five minutes before eleven, I perceived unequivocal signs of the mesmeric influence. The glassy roll of the eye was changed for that expression of uneasy *inward* examination which is never seen except in cases of sleep-waking, and which it is quite impossible to mistake. With a few rapid lateral passes I made the lids quiver,

as in incipient sleep, and with a few more I closed them altogether. I was not satisfied, however, with this, but continued the manipulations vigorously, and with the fullest exertion of the will, until I had completely stiffened the limbs of the slumberer, after placing them in a seemingly easy position. The legs were at full length; the arms were nearly so, and reposed on the bed at a moderate distance from the loins. The head was very slightly elevated.

When I had accomplished this, it was fully midnight, and I requested the gentlemen present to examine M. Valdemar's condition. After a few experiments, they admitted him to be in an unusually perfect state of mesmeric trance. The curiosity of both the physicians was greatly excited. Dr. D—— resolved at once to remain with the patient all night, while Dr. F—— took leave with a promise to return at daybreak. Mr. L——l and the nurses remained.

We left M. Valdemar entirely undisturbed until about three o'clock in the morning, when I approached him and found him in precisely the same condition as when Dr. F—— went away—that is to say, he lay in the same position; the pulse was imperceptible; the breathing was gentle (scarcely noticeable, unless through the application of a mirror to the lips); the eyes were closed naturally; and the limbs were as rigid and as cold as marble. Still, the general appearance was certainly not that of death.

As I approached M. Valdemar I made a kind

of half effort to influence his right arm into pursuit of my own, as I passed the latter gently to and fro above his person. In such experiments with this patient, I had never perfectly succeeded before, and assuredly I had little thought of succeeding now; but to my astonishment, his arm very readily, although feebly, followed every direction I assigned it with mine. I determined to hazard a few words of conversation.

"M. Valdemar," I said, "are you asleep?" He made no answer, but I perceived a tremor about the lips, and was thus induced to repeat the question, again and again. At its third repetition, his whole frame was agitated by a very slight shivering; the eyelids unclosed themselves so far as to display a white line of a ball; the lips moved sluggishly, and from between them, in a barely audible whisper, issued the words:

"Yes;—asleep now. Do not wake me!—let me die so!"

I here felt the limbs, and found them as rigid as ever. The right arm, as before, obeyed the direction of my hand. I questioned the sleep-waker again:

"Do you still feel pain in the breast, M. Valdemar?"

The answer now was immediate, but even less audible than before:

"No pain—I am dying!"

I did not think it advisable to disturb him

further just then, and nothing more was said or done until the arrival of Dr. F——, who came a little before sunrise, and expressed unbounded astonishment at finding the patient still alive. After feeling the pulse and applying a mirror to the lips, he requested me to speak to the sleep-waker again. I did so, saying:

"M. Valdemar, do you still sleep?"

As before, some minutes elapsed ere a reply was made; and during the interval the dying man seemed to be collecting his energies to speak. At my fourth repetition of the question, he said very faintly, almost inaudibly:

"Yes; still asleep—dying."

It was now the opinion, or rather the wish, of the physicians, that M. Valdemar should be suffered to remain undisturbed in his present apparently tranquil condition, until death should supervene—and this, it was generally agreed, must now take place within a few minutes. I concluded, however, to speak to him once more, and merely repeated my previous question.

While I spoke, there came a marked change over the countenance of the sleep-waker. The eyes rolled themselves slowly open, the pupils disappearing upwardly; the skin generally assumed a cadaverous hue, resembling not so much parchment as white paper; and the circular hectic spots which, hitherto, had been strongly defined in the centre of each cheek, *went out* at once. I use this expression, be-

cause the suddenness of their departure put me in mind of nothing so much as the extinguishment of a candle by a puff of the breath. The upper lip, at the same time, writhed itself away from the teeth, which it had previously covered completely; while the lower jaw fell with an audible jerk, leaving the mouth widely extended, and disclosing in full view the swollen and blackened tongue. I presume that no member of the party then present had been unaccustomed to death-bed horrors; but so hideous beyond conception was the appearance of M. Valdemar at this moment, that there was a general shrinking back from the region of the bed.

I now feel that I have reached a point of this narrative at which every reader will be startled into positive disbelief. It is my business, however, simply to proceed.

There was no longer the faintest sign of vitality in M. Valdemar; and concluding him to be dead, we were consigning him to the charge of the nurses, when a strong vibratory motion was observable in the tongue. This continued for perhaps a minute. At the expiration of this period, there issued from the distended and motionless jaws a voice—such as it would be madness in me to attempt describing. There are, indeed, two or three epithets which might be considered as applicable to it in part; I might say, for example, that the sound was harsh, and broken and hollow; but the hideous whole is indescribable, for the simple reason that no sim-

ilar sounds have ever jarred upon the ear of humanity. There were two particulars, nevertheless, which I thought then, and still think, might fairly be stated as characteristic of the intonation—as well adapted to convey some idea of its unearthly peculiarity. In the first place, the voice seemed to reach our ears—at least mine—from a vast distance, or from some deep cavern within the earth. In the second place, it impressed me (I fear, indeed, that it will be impossible to make myself comprehended) as gelatinous or glutinous matters impress the sense of touch.

I have spoken both of "sound" and of "voice." I mean to say that the sound was one of distinct—of even wonderfully, thrillingly distinct—syllabification. M. Valdemar *spoke* —obviously in reply to the question I had propounded to him a few minutes before. I had asked him, it will be remembered, if he still slept. He now said:

"Yes;—no;—I *have been* sleeping—and now —now—*I am dead.*"

No person present even affected to deny, or attempted to repress, the unutterable, shuddering horror which these few words, thus uttered, were so well calculated to convey. Mr. L——l (the student) swooned. The nurses immediately left the chamber, and could not be induced to return. My own impressions I would not pretend to render intelligible to the reader. For nearly an hour, we busied ourselves, silently

—without the utterance of a word—in endeavors to revive Mr. L——l. When he came to himself, we addressed ourselves again to an investigation of M. Valdemar's condition.

It remained in all respects as I have last described it, with the exception that the mirror no longer afforded evidence of respiration. An attempt to draw blood from the arm failed. I should mention, too, that this limb was no further subject to my will. I endeavored in vain to make it follow the direction of my hand. The only real indication, indeed, of the mesmeric influence, was now found in the vibratory movement of the tongue, whenever I addressed M. Valdemar a question. He seemed to be making an effort to reply, but had no longer sufficient volition. To queries put to him by any other person than myself he seemed utterly insensible—although I endeavored to place each member of the company in mesmeric *rapport* with him. I believe that I have now related all that is necessary to an understanding of the sleep-waker's state at this epoch. Other nurses were procured; and at ten o'clock I left the house in company with the two physicians and Mr. L——l.

In the afternoon we all called again to see the patient. His condition remained precisely the same. We had now some discussion as to the propriety and feasibility of awakening him; but we had little difficulty in agreeing that no good purpose would be served by so doing. It

was evident that, so far, death (or what is usually termed death) had been arrested by the mesmeric process. It seemed clear to us all that to awaken M. Valdemar would be merely to insure his instant, or at least his speedy, dissolution.

From this period until the close of last week —*an interval of nearly seven months*—we continued to make daily calls at M. Valdemar's house, accompanied, now and then, by medical and other friends. All this time the sleep-waker remained *exactly* as I have last described him. The nurses' attentions were continual.

It was on Friday last that we finally resolved to make the experiment of awakening, or attempting to awaken him; and it is the (perhaps) unfortunate result of this latter experiment which has given rise to so much discussion in private circles—to so much of what I cannot help thinking unwarranted popular feeling.

For the purpose of relieving M. Valdemar from the mesmeric trance, I made use of the customary passes. These for a time were unsuccessful. The first indication of revival was afforded by a partial descent of the iris. It was observed, as especially remarkable, that this lowering of the pupil was accompanied by the profuse out-flowing of a yellowish ichor (from beneath the lids) of a pungent and highly offensive odor.

It was now suggested that I should attempt to influence the patient's arm as heretofore. I made the attempt and failed. Dr. F—— then intimated a desire to have me put a question. I did so, as follows:

"M. Valdemar, can you explain to us what are your feelings or wishes now?"

There was an instant return of the hectic circles on the cheeks: the tongue quivered, or rather rolled violently in the mouth (although the jaws and lips remained rigid as before), and at length the same hideous voice which I have already described, broke forth:

"For God's sake!—quick!—quick!—put me to sleep—or, quick!—waken me!—quick!—*I say to you that I am dead!*"

I was thoroughly unnerved, and for an instant remained undecided what to do. At first I made an endeavor to recompose the patient; but, failing in this through total abeyance of the will, I retraced my steps and as earnestly struggled to awaken him. In this attempt I soon saw that I should be successful—or at least I soon fancied that my success would be complete—and I am sure that all in the room were prepared to see the patient awaken.

For what really occurred, however, it is quite impossible that any human being could have been prepared.

As I rapidly made the mesmeric passes, amid ejaculations of "dead! dead!" absolutely *bursting* from the tongue and not from the lips of the

sufferer, his whole frame at once—within the space of a single minute, or less, shrunk—crumbled—absolutely *rotted* away beneath my hands. Upon the bed, before that whole company, there lay a nearly liquid mass of loathsome—of detestable putrescence.

THE BLACK CAT.

FOR the most wild yet most homely narrative which I am about to pen, I neither expect nor solicit belief. Mad indeed would I be to expect it, in a case where my very senses reject their own evidence. Yet, mad am I not—and very surely do I not dream. But to-morrow I die, and to-day I would unburden my soul. My immediate purpose is to place before the world, plainly, succinctly, and without comment, a series of mere household events. In their consequences, these events have terrified—have tortured—have destroyed me. Yet I will not attempt to expound them. To me, they have presented little but horror—to many they will seem less terrible than *barroques*. Hereafter, perhaps, some intellect may be found which will reduce my phantasm to the commonplace—some intellect more calm, more logical, and far less excitable than my own, which will perceive, in the circumstances I detail with awe, nothing more than an ordinary succession of very natural causes and effects.

From my infancy I was noted for the docility and humanity of my disposition. My tender-

ness of heart was even so conspicuous as to make me the jest of my companions. I was especially fond of animals, and was indulged by my parents with a great variety of pets. With these I spent most of my time, and never was so happy as when feeding and caressing them. This peculiarity of character grew with my growth, and, in my manhood, I derived from it one of my principal sources of pleasure. To those who have cherished an affection for a faithful and sagacious dog, I need hardly be at the trouble of explaining the nature or the intensity of the gratification thus derivable. There is something in the unselfish and self-sacrificing love of a brute, which goes directly to the heart of him who has had frequent occasion to test the paltry friendship and gossamer fidelity of mere *Man*.

I married early, and was happy to find in my wife a disposition not uncongenial with my own. Observing my partiality for domestic pets, she lost no opportunity of procuring those of the most agreeable kind. We had birds, gold-fish, a fine dog, rabbits, a small monkey, and a *cat*.

This latter was a remarkably large and beautiful animal, entirely black, and sagacious to an astonishing degree. In speaking of his intelligence, my wife, who at heart was not a little tinctured with superstition, made frequent allusion to the ancient popular notion, which regarded all black cats as witches in disguise.

Not that she was ever *serious* upon this point—and I mention the matter at all for no better reason than that it happens, just now, to be remembered.

Pluto—this was the cat's name—was my favorite pet and playmate. I alone fed him, and he attended me wherever I went about the house. It was even with difficulty that I could prevent him from following me through the streets.

Our friendship lasted, in this manner, for several years, during which my general temperament and character—through the instrumentality of the Fiend Intemperance—had (I blush to confess it) experienced a radical alteration for the worse. I grew, day by day, more moody, more irritable, more regardless of the feelings of others. I suffered myself to use intemperate language to my wife. At length, I even offered her personal violence. My pets, of course, were made to feel the change in my disposition. I not only neglected, but ill-used them. For Pluto, however, I still retained sufficient regard to restrain me from maltreating him, as I made no scruple of maltreating the rabbits, the monkey, or even the dog, when, by accident, or through affection, they came in my way. But my disease grew upon me—for what disease is like Alcohol!—and at length even Pluto, who was now becoming old, and consequently somewhat peevish—even Pluto began to experience the effects of my ill temper.

One night, returning home, much intoxicated, from one of my haunts about town, I fancied that the cat avoided my presence. I seized him; when, in his fright at my violence, he inflicted a slight wound upon my hand with his teeth. The fury of a demon instantly possessed me. I knew myself no longer. My original soul seemed, at once, to take its flight from my body; and a more than fiendish malevolence, gin-nurtured, thrilled every fibre of my frame. I took from my waistcoat-pocket a penknife, opened it, grasped the poor beast by the throat, and deliberately cut one of its eyes from the socket! I blush, I burn, I shudder, while I pen the damnable atrocity.

When reason returned with the morning—when I had slept off the fumes of the night's debauch—I experienced a sentiment half of horror, half of remorse, for the crime of which I had been guilty; but it was, at best, a feeble and equivocal feeling, and the soul remained untouched. I again plunged into excess, and soon drowned in wine all memory of the deed.

In the meantime the cat slowly recovered. The socket of the lost eye presented, it is true, a frightful appearance, but he no longer appeared to suffer any pain. He went about the house as usual, but, as might be expected, fled in extreme terror at my approach. I had so much of my old heart left, as to be at first grieved by this evident dislike on the part of a creature which had once so loved me. But this feeling

soon gave place to irritation. And then came, as if to my final and irrevocable overthrow, the spirit of PERVERSENESS. Of this spirit philosophy takes no account. Yet I am not more sure that my soul lives, than I am that perverseness is one of the primitive impulses of the human heart—one of the indivisible primary faculties, or sentiments, which give direction to the character of Man. Who has not, a hundred times, found himself committing a vile or a stupid action, for no other reason than because he knows he should *not?* Have we not a perpetual inclination, in the teeth of our best judgment, to violate that which is *Law*, merely because we understand it to be such? This spirit of perverseness, I say, came to my final overthrow. It was this unfathomable longing of the soul *to vex itself*—to offer violence to its own nature—to do wrong for the wrong's sake only—that urged me to continue and finally to consummate the injury I had inflicted upon the unoffending brute. One morning, in cold blood, I slipped a noose about its neck and hung it to the limb of a tree;—hung it with the tears streaming from my eyes, and with the bitterest remorse at my heart;—hung it *because* I knew that it had loved me, and *because* I felt it had given me no reason of offence;—hung it *because* I knew that in so doing I was committing a sin—a deadly sin that would so jeopardize my immortal soul as to place it—if such a thing were possible—even beyond the reach of the

infinite mercy of the Most Merciful and Most Terrible God.

On the night of the day on which this most cruel deed was done, I was aroused from sleep by the cry of fire. The curtains of my bed were in flames. The whole house was blazing. It was with great difficulty that my wife, a servant, and myself, made our escape from the conflagration. The destruction was complete. My entire worldly wealth was swallowed up, and I resigned myself thenceforward to despair.

I am above the weakness of seeking to establish a sequence of cause and effect, between the disaster and the atrocity. But I am detailing a chain of facts—and wish not to leave even a possible link imperfect. On the day succeeding the fire, I visited the ruins. The walls, with one exception, had fallen in. This exception was found in a compartment wall, not very thick, which stood about the middle of the house, and against which had rested the head of my bed. The plastering had here, in great measure, resisted the action of the fire—a fact which I attributed to its having been recently spread. About this wall a dense crowd were collected, and many persons seemed to be examining a particular portion of it with very minute and eager attention. The words "strange!" "singular!" and other similar expressions, excited my curiosity. I approached and saw, as if graven in *bas-relief* upon the white surface, the figure of a gigantic *cat*. The

impression was given with an accuracy truly marvellous. There was a rope about the animal's neck.

When I first beheld this apparition—for I could scarcely regard it as less—my wonder and my terror were extreme. But at length reflection came to my aid. The cat, I remembered, had been hung in a garden adjacent to the house. Upon the alarm of fire, this garden had been immediately filled by the crowd—by some one of whom the animal must have been cut from the tree and thrown, through an open window, into my chamber. This had probably been done with the view of arousing me from sleep. The falling of other walls had compressed the victim of my cruelty into the substance of the freshly-spread plaster; the lime of which, with the flames, and the *ammonia* from the carcass, had then accomplished the portraiture as I saw it.

Although I thus readily accounted to my reason, if not altogether to my conscience, for the startling fact just detailed, it did not the less fail to make a deep impression upon my fancy. For months I could not rid myself of the phantasm of the cat; and, during this period, there came back into my spirit a half-sentiment that seemed, but was not, remorse. I went so far as to regret the loss of the animal, and to look about me, among the vile haunts which I now habitually frequented, for another pet of the same species, and of somewhat sim-

ilar appearance, with which to supply its place.

One night as I sat, half stupefied, in a den of more than infamy, my attention was suddenly drawn to some black object, reposing upon the head of one of the immense hogsheads of gin, or of rum, which constituted the chief furniture of the apartment. I had been looking steadily at the top of this hogshead for some minutes, and what now caused me surprise was the fact that I had not sooner perceived the object thereupon. I approached it, and touched it with my hand. It was a black cat—a very large one—fully as large as Pluto, and closely resembling him in every respect but one. Pluto had not a white hair upon any portion of his body; but this cat had a large, although indefinite splotch of white, covering nearly the whole region of the breast.

Upon my touching him, he immediately arose, purred loudly, rubbed against my hand, and appeared delighted with my notice. This, then, was the very creature of which I was in search. I at once offered to purchase it of the landlord; but this person made no claim to it—knew nothing of it—had never seen it before.

I continued my caresses, and when I prepared to go home, the animal evinced a disposition to accompany me. I permitted it to do so; occasionally stooping and patting it as I proceeded. When it reached the house it domesticated itself at once, and became immediately a great favorite with my wife.

For my own part, I soon found a dislike to it arising within me. This was just the reverse of what I had anticipated; but—I know not how or why it was—its evident fondness for myself rather disgusted and annoyed me. By slow degrees these feelings of disgust and annoyance rose into the bitterness of hatred. I avoided the creature; a certain sense of shame, and the remembrance of my former deed of cruelty, preventing me from physically abusing it. I did not, for some weeks, strike, or otherwise violently ill use it; but gradually—very gradually—I came to look upon it with unutterable loathing, and to flee silently from its odious presence, as from the breath of a pestilence.

What added, no doubt, to my hatred of the beast, was the discovery, on the morning after I brought it home, that, like Pluto, it also had been deprived of one of its eyes. This circumstance, however, only endeared it to my wife, who, as I have already said, possessed, in a high degree, that humanity of feeling which had once been my distinguishing trait, and the source of many of my simplest and purest pleasures.

With my aversion to this cat, however, its partiality for myself seemed to increase. It followed my footsteps with a pertinacity which it would be difficult to make the reader comprehend. Wherever I sat, it would crouch beneath my chair, or spring upon my knees, covering me with its loathsome caresses. If I arose to

walk it would get between my feet and thus nearly throw me down, or, fastening its long and sharp claws in my dress, clamber, in this manner, to my breast. At such times, although I longed to destroy it with a blow, I was yet withheld from so doing, partly by a memory of my former crime, but chiefly—let me confess it at once—by absolute *dread* of the beast.

This dread was not exactly a dread of physical evil—and yet I should be at a loss how otherwise to define it. I am almost ashamed to own—yes, even in this felon's cell, I am almsot ashamed to own—that the terror and horror with which the animal inspired me, had been heightened by one of the merest chimeras it would be possible to conceive. My wife had called my attention, more than once, to the character of the mark of white hair, of which I have spoken, and which constituted the sole visible difference between the strange beast and the one I had destroyed. The reader will remember that this mark, although large, had been originally very indefinite; but, by slow degrees—degrees nearly imperceptible, and which for a long time my reason struggled to reject as fanciful—it had, at length, assumed a rigorous distinctness of outline. It was now the representation of an object that I shudder to name—and for this, above all, I loathed, and dreaded, and would have rid myself of the monster *had I dared*—it was now, I say, the image of a hideous—of a ghastly thing—of the GALLOWS!—

oh, mournful and terrible engine of Horror and of Crime—of Agony and of Death!

And now was I indeed wretched beyond the wretchedness of mere Humanity. And *a brute beast*—whose fellow I had contemptuously destroyed—*a brute beast* to work out for *me*—for me, a man fashioned in the image of the High God—so much of insufferable woe! Alas! neither by day nor by night knew I the blessing of rest any more! During the former the creature left me no moment alone, and in the latter I started hourly from dreams of unutterable fear to find the hot breath of *the thing* upon my face, and its vast weight—an incarnate nightmare that I had no power to shake off—incumbent eternally upon my *heart!*

Beneath the pressure of torments such as these the feeble remnant of the good within me succumbed. Evil thoughts became my sole intimates—the darkest and most evil of thoughts. The moodiness of my usual temper increased to hatred of all things and of all mankind; while from the sudden, frequent, and ungovernable outbursts of a fury to which I now blindly abandoned myself, my uncomplaining wife, alas, was the most usual and the most patient of sufferers.

One day she accompanied me, upon some household errand, into the cellar of the old building which our poverty compelled us to inhabit. The cat followed me down the steep stairs, and, nearly throwing me headlong, ex-

asperated me to madness. Uplifting an axe, and forgetting in my wrath the childish dread which had hitherto stayed my hand, I aimed a blow at the animal, which, of course, would have proved instantly fatal had it descended as I wished. But this blow was arrested by the hand of my wife. Goaded by the interference into a rage more than demoniacal, I withdrew my arm from her grasp and buried the axe in her brain. She fell dead upon the spot without a groan.

This hideous murder accomplished, I set myself forthwith, and with entire deliberation, to the task of concealing the body. I knew that I could not remove it from the house, either by day or by night, without the risk of being observed by the neighbors. Many projects entered my mind. At one period I thought of cutting the corpse into minute fragments, and destroying them by fire. At another, I resolved to dig a grave for it in the floor of the cellar. Again, I deliberated about casting it in the well in the yard—about packing it in a box, as if merchandise, with the usual arrangements, and so getting a porter to take it from the house. Finally I hit upon what I considered a far better expedient that either of these. I determined to wall it up in the cellar, as the monks of the Middle Ages are recorded to have walled up their victims.

For a purpose such as this the cellar was well adapted. Its walls were loosely con-

structed, and had lately been plastered throughout with a rough plaster, which the dampness of the atmosphere had prevented from hardening. Moreover, in one of the walls was a projection, caused by a false chimney, or fireplace, that had been filled up and made to resemble the rest of the cellar. I made no doubt that I could readily displace the bricks at this point, insert the corpse, and wall the whole up as before, so that no eye could detect any thing suspicious.

And in this calculation I was not deceived. By means of a crowbar I easily dislodged the bricks, and, having carefully deposited the body against the inner wall, I propped it in that position, while with little trouble I relaid the whole structure as it originally stood. Having procured mortar, sand, and hair, with every possible precaution, I prepared a plaster which could not be distinguished from the old, and with this I very carefully went over the new brick-work. When I had finished, I felt satisfied that all was right. The wall did not present the slightest appearance of having been disturbed. The rubbish on the floor was picked up with the minutest care. I looked around triumphantly, and said to myself: "Here at least, then, my labor has not been in vain."

My next step was to look for the beast which had been the cause of so much wretchedness; for I had, at length, firmly resolved to put it to death. Had I been able to meet with it at

the moment, there could have been no doubt of its fate; but it appeared that the crafty animal had been alarmed at the violence of my previous anger, and forebore to present itself in my present mood. It is impossible to describe or to imagine the deep, the blissful sense of relief which the absence of the detested creature occasioned in my bosom. It did not make its appearance during the night; and thus for one night, at least, since its introduction into the house, I soundly and tranquilly slept; aye, *slept* even with the burden of murder upon my soul.

The second and the third day passed, and still my tormentor came not. Once again I breathed as a freeman. The monster, in terror, had fled the premises for ever! I should behold it no more! My happiness was supreme! The guilt of my dark deed disturbed me but little. Some few inquiries had been made, but these had been readily answered. Even a search had been instituted—but of course nothing was to be discovered. I looked upon my future felicity as secured.

Upon the fourth day of the assassination, a party of the police came, very unexpectedly, into the house, and proceeded again to make rigorous investigation of the premises. Secure, however, in the inscrutability of my place of concealment, I felt no embarrassment whatever. The officers bade me accompany them in their search. They left no nook or corner unexplored. At length, for the third or fourth

time, they descended into the cellar. I quivered not in a muscle. My heart beat calmly as that of one who slumbers in innocence. I walked the cellar from end to end. I folded my arms upon my bosom, and roamed easily to and fro. The police were thoroughly satisfied and prepared to depart. The glee at my heart was too strong to be restrained. I burned to say if but one word, by way of triumph, and to render doubly sure their assurance of my guiltlessness.

"Gentlemen," I said at last, as the party ascended the steps, "I delight to have allayed your suspicions. I wish you all health and a little more courtesy. By the bye, gentlemen, this—this is a very well-constructed house," (in the rabid desire to say something easily, I scarcely knew what I uttered at all),—"I may say an *excellently* well-constructed house. These walls—are you going, gentlemen?—these walls are solidly put together"; and here, through the mere frenzy of bravado, I rapped heavily with a cane which I held in my hand, upon that very portion of the brickwork behind which stood the corpse of the wife of my bosom.

But may God shield and deliver me from the fangs of the Arch-Fiend! No sooner had the reverberation of my blows sunk into silence, than I was answered by a voice from within the tomb!—by a cry, at first muffled and broken, like the sobbing of a child, and then quickly swelling into one long, loud, and continuous

scream, utterly anomalous and inhuman—a howl—a wailing shriek, half of horror and half of triumph, such as might have arisen only out of hell, conjointly from the throats of the damned in their agony and of the demons that exult in the damnation.

Of my own thoughts it is folly to speak. Swooning, I staggered to the opposite wall. For one instant the party on the stairs remained motionless, through extremity of terror and awe. In the next a dozen stout arms were toiling at the wall. It fell bodily. The corpse, already greatly decayed and clotted with gore, stood erect before the eyes of the spectators. Upon its head, with red extended mouth and solitary eye of fire, sat the hideous beast whose craft had seduced me into murder, and whose informing voice had consigned me to the hangman. I had walled the monster up within the tomb.

THE FALL OF THE HOUSE OF USHER.

Son cœur est un luth suspendu ;
Sitôt qu' on le touche il résonne.

—De Bèranger.

During the whole of a dull, dark, and soundless day in the autumn of the year, when the clouds hung oppressively low in the heavens, I had been passing alone, on horseback, through a singularly dreary tract of country, and at length found myself, as the shades of the evening drew on, within view of the melancholy House of Usher. I know not how it was—but, with the first glimpse of the building, a sense of insufferable gloom pervaded my spirit. I say insufferable; for the feeling was unrelieved by any of that half-pleasurable, because poetic, sentiment with which the mind usually receives even the sternest natural images of the desolate or terrible. I looked upon the scene before me—upon the mere house, and the simple landscape features of the domain—upon the bleak walls—upon the vacant eye-like windows—upon a few rank sedges—and upon a few white trunks of decayed trees—with an utter depression of soul which I can compare to no earthly

sensation more properly than to the after-dream of the reveller upon opium—the bitter lapse into every-day life—the hideous dropping off of the veil. There was an iciness, a sinking, a sickening of the heart—an unredeemed dreariness of thought which no goading of the imagination could torture into aught of the sublime. What was it—I paused to think—what was it that so unnerved me in the contemplation of the House of Usher? It was a mystery all insoluble; nor could I grapple with the shadowy fancies that crowded upon me as I pondered. I was forced to fall back upon the unsatisfactory conclusion, that while, beyond doubt, there *are* combinations of very simple natural objects which have the power of thus affecting us, still the analysis of this power lies among considerations beyond our depth. It was possible, I reflected, that a mere different arrangement of the particulars of the scene, of the details of the picture, would be sufficient to modify, or perhaps to annihilate its capacity for sorrowful impression; and, acting upon this idea, I reined my horse to the precipitous brink of a black and lurid tarn that lay in unruffled lustre by the dwelling, and gazed down—but with a shudder even more thrilling than before—upon the remodelled and inverted images of the gray sedge, and the ghastly tree-stems, and the vacant and eye-like windows.

Nevertheless, in this mansion of gloom I now proposed to myself a sojourn of some weeks.

Its proprietor, Roderick Usher, had been one of my boon companions in boyhood; but many years had elapsed since our last meeting. A letter, however, had lately reached me in a distant part of the country—a letter from him—which, in its wildly importunate nature, had admitted of no other than a personal reply. The MS. gave evidence of nervous agitation. The writer spoke of acute bodily illness—of a mental disorder which oppressed him—and of an earnest desire to see me, as his best and indeed his only personal friend, with a view of attempting, by the cheerfulness of my society, some alleviation of his malady. It was the manner in which all this, and much more, was said—it was the apparent *heart* that went with his request—which allowed me no room for hesitation; and I accordingly obeyed forthwith what I still considered a very singular summons.

Although, as boys, we had been even intimate associates, yet I really knew little of my friend. His reserve had been always excessive and habitual. I was aware, however, that his very ancient family had been noted, time out of mind, for a peculiar sensibility of temperament, displaying itself, through long ages, in many works of exalted art, and manifested, of late, in repeated deeds of munificent yet unobtrusive charity, as well as in a passionate devotion to the intricacies, perhaps even more than to the orthodox and easily recognizable beauties, of musical science. I had learned, too, the very

remarkable fact, that the stem of the Usher race, all time-honored as it was, had put forth, at no period, any enduring branch; in other words, that the entire family lay in the direct line of descent, and had always, with very trifling and very temporary variations, so lain. It was this deficiency, I considered, while running over in thought the perfect keeping of the character of the premises with the accredited character of the people, and while speculating upon the possible influence which the one, in the long lapse of centuries, might have exercised upon the other—it was this deficiency, perhaps of collateral issue, and the consequent undeviating transmission, from sire to son, of the patrimony with the name, which had, at length, so identified the two as to merge the original title of the estate in the quaint and equivocal appellation of the "House of Usher"—an appellation which seemed to include, in the minds of the peasantry who used it, both the family and the family mansion.

I have said that the sole effect of my somewhat childish experiment—that of looking down within the tarn—had been to deepen the first singular impression. There can be no doubt that the consciousness of the rapid increase of my superstition—for why should I not so term it?—served mainly to accelerate the increase itself. Such, I have long known, is the paradoxical law of all sentiments having terror as a basis. And it might have been for this

reason only, that, when I again uplifted my eyes to the house itself, from its image in the pool, there grew in my mind a strange fancy—a fancy so ridiculous, indeed, that I but mention it to show the vivid force of the sensations which oppressed me. I had so worked upon my imagination as really to believe that about the whole mansion and domain there hung an atmosphere peculiar to themselves and their immediate vicinity—an atmosphere which had no affinity with the air of heaven, but which had reeked up from the decayed trees, and the gray wall, and the silent tarn—a pestilent and mystic vapor, dull, sluggish, faintly discernible and leaden-hued.

Shaking off from my spirit what *must* have been a dream, I scanned more narrowly the real aspect of the building. Its principal feature seemed to be that of an excessive antiquity. The discoloration of ages had been great. Minute fungi overspread the whole exterior, hanging in a fine tangled web-work from the eaves. Yet all this was apart from any extraordinary dilapidation. No portion of the masonry had fallen; and there appeared to be a wild inconsistency between its still perfect adaptation of parts, and the crumbling condition of the individual stones. In this there was much that reminded me of the specious totality of old wood-work which has rotted for long years in some neglected vault, with no disturbance from the breath of the external air.

Beyond this indication of extensive decay, however, the fabric gave little token of instability. Perhaps the eye of a scrutinizing observer might have discovered a barely perceptible fissure, which, extending from the roof of the building in front, made its way down the wall in a zigzag direction, until it became lost in the sullen waters of the tarn.

Noticing these things, I rode over a short causeway to the house. A servant in waiting took my horse, and I entered the Gothic archway of the hall. A valet, of stealthy step, thence conducted me, in silence, through many dark and intricate passages in my progress to the *studio* of his master. Much that I encountered on the way contributed, I know not how, to heighten the vague sentiments of which I have already spoken. While the objects around me—while the carvings of the ceilings, the sombre tapestries of the walls, the ebon blackness of the floors, and the phantasmagoric armorial trophies which rattled as I strode, were but matters to which, or to such as which, I had been accustomed from my infancy—while I hesitated not to acknowledge how familiar was all this—I still wondered to find how unfamiliar were the fancies which ordinary images were stirring up. On one of the staircases, I met the physician of the family. His countenance, I thought, wore a mingled expression of low cunning and perplexity. He accosted me with trepidation and passed on.

The valet now threw open a door and ushered me into the presence of his master.

The room in which I found myself was very large and lofty. The windows were long, narrow, and pointed, and at so vast a distance from the black oaken floor as to be altogether inaccessible from within. Feeble gleams of encrimsoned light made their way through the trellised panes, and served to render sufficiently distinct the more prominent objects around; the eye, however, struggled in vain to reach the remoter angles of the chamber, or the recesses of the vaulted and fretted ceiling. Dark draperies hung upon the walls. The general furniture was profuse, comfortless, antique, and tattered. Many books and musical instruments lay scattered about, but failed to give any vitality to the scene. I felt that I breathed an atmosphere of sorrow. An air of stern, deep, and irredeemable gloom hung over and pervaded all.

Upon my entrance, Usher arose from a sofa on which he had been lying at full length, and greeted me with a vivacious warmth which had much in it, I at first thought, of an overdone cordiality—of the constrained effort of the *ennuyé* man of the world. A glance, however, at his countenance convinced me of his perfect sincerity. We sat down; and for some moments, while he spoke not, I gazed upon him with a feeling half of pity, half of awe. Surely, man had never before so terribly altered, in so brief a period, as had Roderick Usher! It was

with difficulty that I could bring myself to admit the identity of the wan being before me with the companion of my early boyhood. Yet the character of his face had been at all times remarkable. A cadaverousness of complexion; an eye large, liquid, and luminous beyond comparison; lips somewhat thin and very pallid, but of a surpassingly beautiful curve; a nose of a delicate Hebrew model, but with a breadth of nostril unusual in similar formations; a finely moulded chin, speaking, in its want of prominence, of a want of moral energy; hair of a more than web-like softness and tenuity;—these features, with an inordinate expansion above the regions of the temple, made up altogether a countenance not easily to be forgotten. And now in the mere exaggeration of the prevailing character of these features, and of the expression they were wont to convey, lay so much of change that I doubted to whom I spoke. The now ghastly pallor of the skin, and the now miraculous lustre of the eye, above all things startled and even awed me. The silken hair, too, had been suffered to grow all unheeded, and as, in its wild gossamer texture, it floated rather than fell about the face, I could not, even with effort, connect its Arabesque expression with any idea of simple humanity.

In the manner of my friend I was at once struck with an incoherence—an inconsistency; and I soon found this to arise from a series of feeble and futile struggles to overcome an hab-

itual trepidancy—an excessive nervous agitation. For something of this nature I had indeed been prepared, no less by his letter, than by reminiscences of certain boyish traits, and by conclusions deduced from his peculiar physical conformation and temperament. His action was alternately vivacious and sullen. His voice varied rapidly from a tremulous indecision (when the animal spirits seemed utterly in abeyance) to that species of energetic concision —that abrupt, weighty, un-hurried, and hollow-sounding enunciation—that leaden, self-balanced, and perfectly modulated guttural utterance, which may be observed in the lost drunkard, or the irreclaimable eater of opium, during the periods of his most intense excitement.

It was thus that he spoke of the object of my visit, of his earnest desire to see me, and of the solace he expected me to afford him. He entered, at some length, into what he conceived to be the nature of his malady. It was, he said, a constitutional and a family evil and one for which he despaired to find a remedy —a mere nervous affection, he immediately added, which would undoubtedly soon pass off. It displayed itself in a host of unnatural sensation. Some of these, as he detailed them, interested and bewildered me; although, perhaps, the terms and the general manner of their narration had their weight. He suffered much from a morbid acuteness of the senses; the most insipid food was alone endurable; he could wear only gar-

ments of certain texture; the odors of all flowers were oppressive; his eyes were tortured by even a faint light; and there were but peculiar sounds, and these from stringed instruments, which did not inspire him with horror.

To an anomalous species of terror I found him a bounden slave. "I shall perish," said he, "I *must* perish in this deplorable folly. Thus, thus, and not otherwise, shall I be lost. I dread the events of the future, not in themselves, but in their results. I shudder at the thought of any, even the most trivial, incident, which may operate upon this intolerable agitation of soul. I have, indeed, no abhorrence of danger, except in its absolute effect—in terror. In this unnerved, in this pitiable, condition I feel that the period will sooner or later arrive when I must abandon life and reason together, in some struggle with the grim phantasm, FEAR."

I learned, moreover, at intervals, and through broken and equivocal hints, another singular feature of his mental condition. He was enchained by certain superstitious impressions in regard to the dwelling which he tenanted, and whence, for many years, he had never ventured forth—in regard to an influence whose supposititious force was conveyed in terms too shadowy here to be re-stated—an influence which some peculiarities in the mere form and substance of his family mansion had, by dint of long sufferance, he said, obtained over his spirit

—an effect which the *physique* of the gray walls and turrets, and of the dim tarn into which they all looked down, had, at length, brought about upon the *morale* of his existence.

He admitted, however, although with hesitation, that much of the peculiar gloom which thus afflicted him could be traced to a more natural and far more palpable origin—to the severe and long-continued illness—indeed to the evidently approaching dissolution—of a tenderly beloved sister, his sole companion for long years, his last and only relative on earth. "Her decease," he said, with a bitterness which I can never forget, "would leave him (him, the hopeless and the frail) the last of the ancient race of the Ushers." While he spoke, the lady Madeline (for so was she called) passed through a remote portion of the apartment, and, without having noticed my presence, disappeared. I regarded her with an utter astonishment not unmingled with dread: and yet I found it impossible to account for such feelings. A sensation of stupor oppressed me as my eyes followed her retreating steps. When a door, at length, closed upon her, my glance sought instinctively and eagerly the countenance of the brother; but he had buried his face in his hands, and I could only perceive that a far more than ordinary wanness had overspread the emaciated fingers through which trickled many passionate tears.

The disease of the lady Madeline had long baffled the skill of her physicians. A settled apathy, a gradual wasting away of the person, and frequent although transient affections of a partially cataleptical character were the unusual diagnosis. Hitherto she had steadily borne up against the pressure of her malady, and had not betaken herself finally to bed; but on the closing in of the evening of my arrival at the house, she succumbed (as her brother told me at night with inexpressible agitation) to the prostrating power of the destroyer; and I learned that the glimpse I had obtained of her person would thus probably be the last I should obtain—that the lady, at least while living, would be seen by me no more.

For several days ensuing, her name was unmentioned by either Usher or myself; and during this period I was busied in earnest endeavors to alleviate the melancholy of my friend. We painted and read together, or I listened, as if in a dream, to the wild improvisations of his speaking guitar. And thus, as a closer and still closer intimacy admitted me more unreservedly into the recesses of his spirit, the more bitterly did I perceive the futility of all attempt at cheering a mind from which darkness, as if an inherent positive quality, poured forth upon all objects of the moral and physical universe in one unceasing radiation of gloom.

I shall ever bear about me a memory of the many solemn hours I thus spent alone with the

master of the House of Usher. Yet I should fail in any attempt to convey an idea of the exact character of the studies, or of the occupations, in which he involved me, or led me the way. An excited and highly distempered ideality threw a sulphureous lustre over all. His long improvised dirges will ring forever in my ears. Among other things, I hold painfully in mind a certain singular perversion and amplification of the wild air of the last waltz of Von Weber. From the paintings over which his elaborate fancy brooded, and which grew, touch by touch, into vaguenesses at which I shuddered the more thrillingly, because I shuddered knowing not why—from these paintings (vivid as their images now are before me) I would in vain endeavor to educe more than a small portion which should lie within the compass of merely written words. By the utter simplicity, by the nakedness of his designs, he arrested and overawed attention. If ever mortal painted an idea, that mortal was Roderick Usher. For me at least, in the circumstances then surrounding me, there arose out of the pure abstractions which the hypochondriac contrived to throw upon his canvas, an intensity of intolerable awe, no shadow of which felt I ever yet in the contemplation of the certainly glowing yet too concrete reveries of Fuseli.

One of the phantasmagoric conceptions of my friend, partaking not so rigidly of the spirit

of abstraction, may be shadowed forth, although feebly, in words. A small picture presented the interior of an immensely long and rectangular vault or tunnel, with low walls, smooth, white and without interruption or device. Certain accessory points of the design served well to convey the idea that this excavation lay at an exceeding depth below the surface of the earth. No outlet was observed in any portion of its vast extent, and no torch or other artificial source of light was discernible; yet a flood of intense rays rolled throughout, and bathed the whole in a ghastly and inappropriate splendor.

I have just spoken of that morbid condition of the auditory nerve which rendered all music intolerable to the sufferer, with the exception of certain effects of stringed instruments. It was, perhaps, the narrow limits to which he thus confined himself upon the guitar which gave birth, in great measure, to the fantastic character of his performances. But the fervid *facility* of his *impromptus* could not be so accounted for. They must have been, and were, in the notes, as well as in the words of his wild fantasias (for he not unfrequently accompanied himself with rhymed verbal improvisations), the result of that intense mental collectedness and concentration to which I have previously alluded as observable only in particular moments of the highest artificial excitement. The words of one of these rhapsodies I

have easily remembered. I was, perhaps, the more forcibly impressed with it as he gave it, because, in the under or mystic current of its meaning, I fancied that I perceived, and for the first time, a full consciousness on the part of Usher of the tottering of his lofty reason upon her throne. The verses, which were entitled "The Haunted Palace," ran very nearly, if not accurately, thus:—

I.

In the greenest of our valleys,
By good angels tenanted,
Once a fair and stately palace—
Radiant palace—reared its head.
In the monarch Thought's dominion—
It stood there!
Never seraph spread a pinion
Over fabric half so fair.

II.

Banners yellow, glorious, golden,
On its roof did float and flow
(This—all this—was in the olden
Time long ago);
And every gentle air that dallied,
In that sweet day,
Along the ramparts plumed and pallid,
A winged odor went away.

III.

Wanderers in that happy valley
Through two luminous windows saw
Spirits moving musically
To a lute's well-tuned law;
Round about a throne, where sitting
(Porphyrogene!)
In state his glory well befitting,
The ruler of the realm was seen.

IV.

And all with pearl and ruby glowing
Was the fair palace door,
Through which came flowing, flowing, flowing
And sparkling evermore,
A troop of Echoes whose sweet duty
Was but to sing,
In voices of surpassing beauty,
The wit and wisdom of their king.

V.

But evil things, in robes of sorrow,
Assailed the monarch's high estate;
(Ah, let us mourn, for never morrow
Shall dawn upon him, desolate!)
And, round about his home, the glory
That blushed and bloomed
Is but a dim-remembered story
Of the old time entombed.

VI.

And travellers now within that valley,
Through the red-litten windows see
Vast forms that move fantastically
To a discordant melody;
While, like a rapid ghastly river,
Through the pale door,
A hideous throng rush out forever,
And laugh—but smile no more.

I well remember that suggestions arising from this ballad led us into a train of thought wherein there became manifest an opinion of Usher's, which I mention not so much on account of its novelty (for other men* have thought thus), as on account of the pertinacity with which he maintained it. This opinion, in its general form, was that of the sentience of all vegetable things. But, in his disordered

* Watson, Dr. Percival, Spallanzani, and especially the Bishop of Landaff.—See "Chemical Essays," vol. v.

"Ververt et Chartreuse" of Gresset; the "Belfancy," the idea had assumed a more daring character, and trespassed, under certain conditions, upon the kingdom of inorganization. I lack words to express the full extent, or the earnest *abandon* of his persuasion. The belief, however, was connected (as I have previously hinted) with the gray stones of the home of his forefathers. The conditions of the sentience had been here, he imagined, fulfilled in the method of collocation of these stones—in the order of their arrangement, as well as in that of the many *fungi* which overspread them, and of the decayed trees which stood around—above all, in the long undisturbed endurance of this arrangement, and in its reduplication in the still waters of the tarn. Its evidence—the evidence of the sentience—was to be seen, he said (and I here started as he spoke), in the gradual yet certain condensation of an atmosphere of their own about the waters and the walls. The result was discoverable, he added, in that silent yet importunate and terrible influence which for centuries had moulded the destinies of his family, and which made *him* what I now saw him—what he was. Such opinions need no comment, and I will make none.

Our books—the books which, for years, had formed no small portion of the mental existence of the invalid—were, as might be supposed, in strict keeping with this character of phantasm. We pored together over such works as the

phegor" of Machiavelli; the "Heaven and Hell" of Swedenborg; the "Subterranean Voyage of Nicholas Klimm" by Holberg; the "Chiromancy" of Robert Flud, of Jean D' Indaginé and of Dela Chambre; the "Journey into the Blue Distance of Tieck"; and the "City of the Sun of Campanella." One favorite volume was a small octavo edition of the "Directorium Inquisitorium," by the Dominican Eymeric de Gironne; and there were passages in Pomponius Mela, about the old African Satyrs and Œgipans, over which Usher would sit dreaming for hours. His chief delight, however, was found in the perusal of an exceedingly rare and curious book in quarto Gothic—the manual of a forgotten church—the *Vigiliæ Mortuorum secundum Chorum Ecclesiæ Maguntinæ.*

I could not help thinking of the wild ritual of this work, and of its probable influence upon the hypochondriac, when, one evening, having informed me abruptly that the lady Madeline was no more, he stated his intention of preserving her corpse for a fortnight (previously to its final interment), in one of the numerous vaults within the main walls of the building. The worldly reason however, assigned for this singular proceeding, was one which I did not feel at liberty to dispute. The brother had been led to his resolution (so he told me) by consideration of the unusual character of the malady of the deceased, of certain obtrusive and eager

inquiries on the part of her medical men, and of the remote and exposed situation of the burial-ground of the family. I will not deny that when I called to mind the sinister countenance of the person whom I met upon the staircase, on the day of my arrival at the house, I had no desire to oppose what I regarded as at best but a harmless, and by no means an unnatural, precaution.

At the request of Usher, I personally aided him in the arrangements for the temporary entombment. The body having been encoffined, we two alone bore it to its rest. The vault in which we placed it (and which had been so long unopened that our torches, half smothered in its oppressive atmosphere, gave us little opportunity for investigation) was small, damp, and entirely without means of admission for light; lying, at great depth, immediately beneath that portion of the building in which was my own sleeping apartment. It had been used, apparently, in remote feudal times, for the worst purposes of a donjon-keep, and, in later days, as a place of deposit for powder, or some other highly combustible substance, as a portion of its floor, and the whole interior of a long archway through which we reached it, were carefully sheathed with copper. The door, of massive iron, had been, also, similarly protected. Its immense weight caused an unusually sharp, grating sound, as it moved upon its hinges.

Having deposited our mournful burden upon

tressels within this region of horror, we partially turned aside the yet unscrewed lid of the coffin, and looked upon the face of the tenant. A striking similitude between the brother and sister now first arrested my attention; and Usher, divining, perhaps, my thoughts, murmured out some few words from which I learned that the deceased and himself had been twins, and that sympathies of a scarcely intelligible nature had always existed between them. Our glances, however, rested not long upon the dead—for we could not regard her unawed. The disease which had thus entombed the lady in the maturity of youth, had left, as usual in all maladies of a strictly cataleptical character, the mockery of a faint blush upon the bosom and the face, and that suspiciously lingering smile upon the lip which is so terrible in death. We replaced and screwed down the lid, and, having secured the door of iron, made our way, with toil, into the scarcely less gloomy apartments of the upper portion of the house.

And now, some days of bitter grief having elasped, an observable change came over the features of the mental disorder of my friend. His ordinary manner had vanished. His ordinary occupations were neglected or forgotten. He roamed from chamber to chamber with hurried, unequal, and objectless step. The pallor of his countenance had assumed, if possible, a more ghastly hue—but the luminousness

of his eye had utterly gone out. The once occasional huskiness of his tone was heard no more; and a tremulous quaver, as if of extreme terror, habitually characterized his utterance. There were times, indeed, when I thought his unceasingly agitated mind was laboring with some oppressive secret, to divulge which he struggled for the necessary courage. At times, again, I was obliged to resolve all into the mere inexplicable vagaries of madness, for I beheld him gazing upon vacancy for long hours, in an attitude of the profoundest attention, as if listening to some imaginary sound. It was no wonder that his condition terrified—that it infected me. I felt creeping upon me, by slow yet certain degrees, the wild influences of his own fantastic yet impressive superstitions.

It was, especially, upon retiring to bed late in the night of the seventh or eighth day after the placing of the lady Madeline within the donjon, that I experienced the full power of such feelings. Sleep came not near my couch—while the hours waned and waned away. I struggled to reason off the nervousness which had dominion over me. I endeavored to believe that much, if not all of what I felt, was due to the bewildering influence of the gloomy furniture of the room—of the dark and tattered draperies, which, tortured into motion by the breath of a rising tempest, swayed fitfully to and fro upon the walls, and rustled uneasily about the decorations of the bed. But my efforts were fruit-

less. An irrepressible tremor gradually pervaded my frame; and, at length, there sat upon my very heart an incubus of utterly causeless alarm. Shaking this off with a gasp and a struggle, I uplifted myself upon the pillows, and, peering earnestly within the intense darkness of the chamber, hearkened—I know not why, except that an instinctive spirit prompted me— to certain low and indefinite sounds which came, through the pauses of the storm, at long intervals, I knew not whence. Overpowered by an intense sentiment of horror, unaccountable yet unendurable, I threw on my clothes with haste (for I felt that I should sleep no more during the night), and endeavored to arouse myself from the pitiable condition into which I had fallen by pacing rapidly to and fro through the apartment.

I had taken but few turns in this manner, when a light step on an adjoining staircase arrested my attention. I presently recognized it as that of Usher. In an instant afterward he rapped, with a gentle touch, at my door, and entered, bearing a lamp. His countenance was, as usual, cadaverously wan—but, moreover, there was a species of mad hilarity in his eyes —an evidently restrained *hysteria* in his whole demeanor. His air appalled me—but any thing was preferable to the solitude which I had so long endured, and I even welcomed his presence as a relief.

"And you have not seen it?" he said

abruptly, after having stared about him for some moments in silence—"you have not then seen it?—but, stay! you shall." Thus speaking, and having carefully shaded his lamp, he hurried to one of the casements, and threw it freely open to the storm.

The impetuous fury of the entering gust nearly lifted us from our feet. It was, indeed, a tempestuous yet sternly beautiful night, and one wildly singular in its terror and its beauty. A whirlwind had apparently collected its force in our vicinity; for there were frequent and violent alterations in the direction of the wind; and the exceeding density of the clouds (which hung so low as to press upon the turrets of the house) did not prevent our perceiving the life-like velocity with which they flew careering from all points against each other, without passing away into the distance. I say that even their exceeding density did not prevent our perceiving this—yet we had no glimpse of the moon or stars, nor was there any flashing forth of the lightning. But the under surfaces of the huge masses of agitated vapor, as well as all terrestrial objects immediately around us, were glowing in the unnatural light of a faintly luminous and distinctly visible gaseous exhalation which hung about and enshrouded the mansion.

"You must not—you shall not behold this!" said I, shuddering, to Usher, as I led him, with a gentle violence, from the window to a

seat. "These appearances, which bewilder you, are merely electrical phenomena not uncommon—or it may be that they have their ghastly origin in the rank miasma of the tarn. Let us close this casement;—the air is chilling and dangerous to your frame. Here is one of your favorite romances. I will read, and you shall listen:—and so we will pass away this terrible night together."

The antique volume which I had taken up was the "Mad Trist" of Sir Launcelot Canning; but I had called it a favorite of Usher's more in sad jest than in earnest; for, in truth, there is little in its uncouth and unimaginative prolixity which could have had interest for the lofty and spiritual ideality of my friend. It was, however, the only book immediately at hand; and I indulged a vague hope that the excitement which now agitated the hypochondriac, might find relief (for the history of mental disorder is full of similar anomalies) even in the extremeness of the folly which I should read. Could I have judged, indeed, by the wild overstrained air of vivacity with which he hearkened, or apparently hearkened, to the words of the tale, I might well have congratulated myself upon the success of my design.

I had arrived at that well-known portion of the story where Ethelred, the hero of the Trist, having sought in vain for peaceable admission into the dwelling of the hermit, proceeds to make good an entrance by force. Here, it

will be remembered, the words of the narrative run thus:

"And Ethelred, who was by nature of a doughty heart, and who was now mighty withal, on account of the powerfulness of the wine which he had drunken, waited no longer to hold parley with the hermit, who, in sooth, was of an obstinate and malicious turn, but feeling the rain upon his shoulders, and fearing the rising of the tempest, uplifted his mace outright, and, with blows, made quickly room in the plankings of the door for his gauntleted hand; and now pulling therewith sturdily, he so cracked, and ripped, and tore all asunder, that the noise of the dry and hollow-sounding wood alarumed and reverberated throughout the forest."

At the termination of this sentence I started and, for a moment, paused; for it appeared to me (although I at once concluded that my excited fancy had deceived me)—it appeared to me that, from some very remote portion of the mansion, there came, indistinctly to my ears, what might have been, in its exact similarity of character, the echo (but a stifled and dull one certainly) of the very cracking and ripping sound which Sir Launcelot had so particularly described. It was, beyond doubt, the coincidence alone which had arrested my attention; for, amid the rattling of the sashes of the casements, and the ordinary commingled noises of the still increasing storm, the sound, in itself, had nothing, surely, which should have inter-

ested or disturbed me. I continued the story:

"But the good champion Ethelred, now entering within the door, was sore enraged and amazed to perceive no signal of the maliceful hermit; but, in the stead thereof, a dragon of a scaly and prodigious demeanor, and of a fiery tongue, which sate in guard before a palace of gold, with a floor of silver; and upon the wall there hung a shield of shining brass with this legend enwritten—

> Who entereth herein, a conqueror hath bin;
> Who slayeth the dragon, the shield he shall win.

And Ethelred uplifted his mace, and struck upon the head of the dragon, which fell before him, and gave up his pesty breath, with a shriek so horrid and harsh, and withal so piercing, that Ethelred had fain to close his ears with his hands against the dreadful noise of it, the like whereof was never before heard."

Here again I paused abruptly, and now with a feeling of wild amazement—for there could be no doubt whatever that, in this instance, I did actually hear (although from what direction it proceeded I found it impossible to say) a low and apparently distant, but harsh, protracted, and most unusual screaming or grating sound—the exact counterpart of what my fancy had already conjured up for the dragon's unnatural shriek as described by the romancer.

Oppressed, as I certainly was, upon the

extraordinary coincidence, by a thousand conflicting sensations, in which wonder and extreme terror were predominant, I still retained sufficient presence of mind to avoid exciting, by an observation, the sensitive nervousness of my companion. I was by no means certain that he had noticed the sounds in question; although, assuredly, a strange alteration had, during the last few minutes, taken place in his demeanor. From a position fronting my own, he had gradually brought round his chair, so as to sit with his face to the door of the chamber; and thus I could but partially perceive his features, although I saw that his lips trembled as if he were murmuring inaudibly. His head had dropped upon his breast—yet I knew that he was not asleep, from the wide and rigid opening of the eye as I caught a glance of it in profile. The motion of his body, too, was at variance with this idea—for he rocked from side to side with a gentle yet constant and uniform sway. Having rapidly taken notice of all this, I resumed the narrative of Sir Launcelot, which thus proceeded:

"And now, the champion, having escaped from the terrible fury of the dragon, bethinking himself of the brazen shield, and of the breaking up of the enchantment which was upon it, removed the carcass from out of the way before him, and approached valorously over the silver pavement of the castle to where the shield was upon the wall; which in sooth tarried

not for his full coming, but fell down at his feet upon the silver floor, with a mighty great and terrible ringing sound."

No sooner had these syllables passed my lips, than—as if a shield of brass had indeed, at the moment, fallen heavily upon a floor of silver—I became aware of a distinct, hollow, metallic, and clangorous, yet apparently muffled, reverberation. Completely unnerved, I leaped to my feet; but the measured rocking movement of Usher was undisturbed. I rushed to the chair in which he sat. His eyes were bent fixedly before him, and throughout his whole countenance there reigned a stony rigidity. But, as I placed my hand upon his shoulder, there came a strong shudder over his whole person; a sickly smile quivered about his lips; and I saw that he spoke in a low, hurried, and gibbering murmur, as if unconscious of my presence. Bending closely over him I at length drank in the hideous import of his words.

"Not hear it?—yes, I hear it, and *have* heard it. Long—long—long—many minutes, many hours, many days, have I heard it—yet I dared not—oh, pity me, miserable wretch that I am!—I dared not—I *dared* not speak! *We have put her living in the tomb!* Said I not that my senses were acute? I *now* tell you that I heard her first feeble movements in the hollow coffin. I heard them—many, many days ago—yet I dared not—*I dared not speak!* And now—to-night—Ethelred—ha! ha!—the break-

ing of the hermit's door, and the death-cry of the dragon, and the clangor of the shield—say, rather, the rending of her coffin, and the grating of the iron hinges of her prison, and her struggles within the coppered archway of the vault! Oh! whither shall I fly? Will she not be here anon? Is she not hurrying to upbraid me for my haste? Have I not heard her footstep on the stair? Do I not distinguish that heavy and horrible beating of her heart? Madman!" —here he sprang furiously to his feet, and shrieked out his syllables, as if in the effort he were giving up his soul—"*Madman! I tell you that she now stands without the door!*"

As if in the superhuman energy of his utterance there had been found the potency of a spell, the huge antique panels to which the speaker pointed threw slowly back, upon the instant, their ponderous and ebony jaws. It was the work of the rushing gust—but then without those doors there *did* stand the lofty and enshrouded figure of the lady Madeline of Usher. There was blood upon her white robes, and the evidence of some bitter struggle upon every portion of her emaciated frame. For a moment she remained trembling and reeling to and fro upon the threshold—then, with a low moaning cry, fell heavily inward upon the person of her brother, and in her violent and now final death-agonies, bore him to the floor a corpse, and a victim to the terrors he had anticipated.

From that chamber, and from that mansion, I fled aghast. The storm was still abroad in all its wrath as I found myself crossing the old causeway. Suddenly there shot along the path a wild light, and I turned to see whence a gleam so unusual could have issued, for the vast house and its shadows were alone behind me. The radiance was that of the full, setting, and blood-red moon, which now shone vividly through that once barely discernible fissure, of which I have before spoken as extending from the roof of the building, in a zigzag direction, to the base. While I gazed, this fissure rapidly widened—there came a fierce breath of the whirlwind—the entire orb of the satellite burst at once upon my sight—my brain reeled as I saw the mighty walls rushing asunder—there was a long tumultuous shouting sound like the voice of a thousand waters—and the deep and dank tarn at my feet closed sullenly and silently over the fragments of the "*House of Usher.*"

SILENCE.—A FABLE.

"The mountain pinnacles slumber; valleys, crags, and caves *are silent.*"

"LISTEN to me," said the Demon, as he placed his hand upon my head. "The region of which I speak is a dreary region in Libya, by the borders of the river Zäire, and there is no quiet there, nor silence.

"The waters of the river have a saffron and sickly hue; and they flow not onward to the sea, but palpitate forever and forever beneath the red eye of the sun with a tumultuous and convulsive motion. For many miles on either side of the river's oozy bed is a pale desert of gigantic water-lilies. They sigh one unto the other in that solitude, and stretch toward the heavens their long and ghastly necks, and nod to and fro their everlasting heads. And there is an indistinct murmur which cometh out from among them like the rushing of subterrene water. And they sigh one unto the other.

"But there is a boundary to their realm —the boundary of the dark, horrible, lofty forest. There, like the waves about the He-

brides, the low underwood is agitated continually. But there is no wind throughout the heaven. And the tall primeval trees rock eternally hither and thither with a crashing and mighty sound. And from their high summits, one by one, drop everlasting dews. And at the roots strange poisonous flowers lie writhing in perturbed slumber. And overhead, with a rustling and loud noise, the gray clouds rush westwardly forever, until they roll, a cataract, over the fiery wall of the horizon. But there is no wind throughout the heaven. And by the shores of the river Zäire there is neither quiet nor silence.

"It was night, and the rain fell; and, falling, it was rain, but, having fallen, it was blood. And I stood in the morass among the tall lilies, and the rain fell upon my head—and the lilies sighed one unto the other in the solemnity of their desolation.

"And, all at once, the moon arose through the thin ghastly mist, and was crimson in color. And mine eyes fell upon a huge gray rock which stood by the shore of the river, and was lighted by the light of the moon. And the rock was gray, and ghastly, and tall,— and the rock was gray. Upon its front were characters engraven in the stone; and I walked through the morass of water-lilies, until I came close unto the shore, that I might read the characters upon the stone. But I could not decipher them. And I was going back into the morass, when

the moon shone with a fuller red, and I turned and looked again upon the rock, and upon the characters, and the characters were DESOLATION.

"And I looked upward, and there stood a man upon the summit of the rock; and I hid myself among the water-lilies that I might discover the actions of the man. And the man was tall and stately in form, and was wrapped up from his shoulders to his feet in the toga of old Rome. And the outlines of his figure were indistinct—but his features were the features of a deity; for the mantle of the night, and of the mist, and of the moon, and of the dew, had left uncovered the features of his face. And his brow was lofty with thought, and his eye wild with care; and, in the few furrows upon his cheek I read the fables of sorrow, and weariness, and disgust with mankind, and a longing after solitude.

"And the man sat upon the rock, and leaned his head upon his hand, and looked out upon the desolation. He looked down into the low unquiet shrubbery, and up into the tall primeval trees, and up higher at the rustling heaven, and into the crimson moon. And I lay close within shelter of the lilies, and observed the actions of the man. And the man trembled in the solitude;—but the night waned, and he sat upon the rock.

"And the man turned his attention from the heaven, and looked out upon the dreary river Zaire, and upon the yellow ghastly waters, and

upon the pale legions of the water-lilies. And the man listened to the sighs of the water-lilies, and to the murmur that came up from among them. And I lay close within my covert and observed the actions of the man. And the man trembled in the solitude;—but the night waned and he sat upon the rock.

"Then I went down into the recesses of the morass and waded afar in among the wilderness of lilies, and called upon the hippopotami which dwelt among the fens in the recesses of the morass. And the hippopotami heard my call, and came, with the behemoth, unto the foot of the rock, and roared loudly and fearfully beneath the moon. And I lay close within my covert and observed the actions of the man. And the man trembled in the solitude;—but the night waned and he sat upon the rock.

"Then I cursed the elements with the curse of tumult; and a frightful tempest gathered in the heaven, where, before, there had been no wind. And the heaven became livid with the violence of the tempest—and the rain beat upon the head of the man—and the floods of the river came down—and the river was tormented into foam—and the water-lilies shrieked within their beds—and the forest crumbled before the wind—and the thunder rolled—and the lightning fell—and the rock rocked to its foundation. And I lay close within my covert and observed the actions of the man. And the man trembled

in the solitude;—but the night waned and he sat upon the rock. . . . . .

"Then I grew angry and cursed, with the curse of *silence*, the river, and the lilies, and the wind, and the forest, and the heaven, and the thunder, and the sighs of the water-lilies. And they became accursed, and *were still*. And the moon ceased to totter up its pathway to heaven—and the thunder died away—and the lightning did not flash—and the clouds hung motionless—and the waters sunk to their level and remained—and the trees ceased to rock—and the water-lilies sighed no more—and the murmur was heard no longer from among them, nor any shadow of sound throughout the vast illimitable desert. And I looked upon the characters of the rock, and they were changed; and the characters were SILENCE. . .

"And mine eyes fell upon the countenance of the man and his countenance was wan with terror. And, hurriedly, he raised his head from his hand, and stood forth upon the rock and listened. But there was no voice throughout the vast illimitable desert, and the characters upon the rock were SILENCE. And the man shuddered, and turned his face away, and fled afar off, in haste, so that I beheld him no more."

* * * * * * *

Now there are fine tales in the volumes of the Magi—in the iron-bound, melancholy volumes of the Magi. Therein, I say, are glo-

rious histories of the Heaven, and of the Earth, and of the mighty sea—and of the Genii that overruled the sea, and the earth, and the lofty heaven. There were much lore too in the sayings which were said by the Sibyls; and holy, holy things were heard of old by the dim leaves that trembled around Dodona—but, as Allah liveth, that fable which the Demon told me as he sat by my side in the shadow of the tomb, I hold to be the most wonderful of all! And as the Demon made an end of his story, he fell back within the cavity of the tomb and laughed. And I could not laugh with the Demon, and he cursed me because I could not laugh. And the lynx which dwelleth forever in the tomb, came out therefrom, and lay down at the feet of the Demon, and looked at him steadily in the face.

PART IV

THE MASQUE OF THE RED DEATH.

THE "Red Death" had long devastated the country. No pestilence had ever been so fatal, or so hideous. Blood was its Avatar and its seal—the redness and the horror of blood. There were sharp pains, and sudden dizziness, and then profuse bleeding at the pores, with dissolution. The scarlet stains upon the body and especially upon the face of the victim, were the pest ban which shut him out from the aid and from the sympathy of his fellow-men. And the whole seizure, progress, and termination of the disease, were the incidents of half an hour.

But the Prince Prospero was happy and dauntless and sagacious. When his dominions were half depopulated, he summoned to his presence a thousand hale and light-hearted friends from among the knights and dames of his court, and with these retired to the deep seclusion of one of his castellated abbeys. This was an extensive and magnificent structure, the creation of the prince's own eccentric yet august taste. A strong and lofty wall girdled

it in. This wall had gates of iron. The courtiers, having entered, brought furnaces and massy hammers and welded the bolts. They resolved to leave means neither of ingress nor egress to the sudden impulses of despair or of frenzy from within. The abbey was amply provisioned. With such precautions the courtiers might bid defiance to contagion. The external world could take care of itself. In the meantime it was folly to grieve, or to think. The prince had provided all the appliances of pleasure. There were buffoons, there were improvisatori, there were ballet-dancers, there were musicians, there was Beauty, there was wine. All these and security were within. Without was the "Red Death."

It was toward the close of the fifth or sixth month of his seclusion, and while the pestilence raged most furiously abroad, that the Prince Prospero entertained his thousand friends at a masked ball of the most unusual magnificence.

It was a voluptuous scene, that masquerade. But first let me tell of the rooms in which it was held. There were seven—an imperial suite. In many palaces, however, such suites form a long and straight vista, while the folding doors slide back nearly to the walls on either hand, so that the view of the whole extent is scarcely impeded. Here the case was very different; as might have been expected from the duke's love of the *bizarre*. The apartments were so irregu-

larly disposed that the vision embraced but little more than one at a time. There was a sharp turn at every twenty or thirty yards, and at each turn a novel effect. To the right and left, in the middle of each wall, a tall and narrow Gothic window looked out upon a closed corridor which pursued the windings of the suite. These windows were of stained glass whose color varied in accordance with the prevailing hue of the decorations of the chamber into which it opened. That at the eastern extremity was hung, for example in blue—and vividly blue were its windows. The second chamber was purple in its ornaments and tapestries, and here the panes were purple. The third was green throughout, and so were the casements. The fourth was furnished and lighted with orange—the fifth with white—the sixth with violet. The seventh apartment was closely shrouded in black velvet tapestries that hung all over the ceiling and down the walls, falling in heavy folds upon a carpet of the same material and hue. But in this chamber only, the color of the windows failed to correspond with the decorations. The panes here were scarlet—a deep blood color. Now in no one of the seven apartments was there any lamp or candelabrum, amid the profusion of golden ornaments that lay scattered to and fro or depended from the roof. There was no light of any kind emanating from lamp or candle within the suite of chambers. But in the corri-

dors that followed the suite, there stood, opposite to each window, a heavy tripod, bearing a brazier of fire, that projected its rays through the tinted glass and so glaringly illumined the room. And thus were produced a multitude of gaudy and fantastic appearances. But in the western or black chamber the effect of the firelight that streamed upon the dark hangings through the blood-tinted panes was ghastly in the extreme, and produced so wild a look upon the countenances of those who entered, that there were few of the company bold enough to set foot within its precincts at all.

It was in this apartment, also, that there stood against the western wall, a gigantic clock of ebony. Its pendulum swung to and fro with a dull, heavy, monotonous clang; and when the minute-hand made the circuit of the face, and the hour was to be stricken, there came from the brazen lungs of the clock a sound which was clear and loud and deep and exceedingly musical, but of so peculiar a note and emphasis that, at each lapse of an hour, the musicians of the orchestra were constrained to pause, momentarily, in their performance, to hearken to the sound; and thus the waltzers perforce ceased their evolutions; and there was a brief disconcert of the whole gay company; and, while the chimes of the clock yet rang, it was observed that the giddiest grew pale, and the more aged and sedate passed their hands over their brows as if in confused rev-

ery or meditation. But when the echoes had fully ceased, a light laughter at once pervaded the assembly; the musicians looked at each other and smiled as if at their own nervousness and folly, and made whispering vows, each to the other, that the next chiming of the clock should produce in them no similar emotion; and then, after the lapse of sixty minutes (which embrace three thousand and six hundred seconds of the Time that flies), there came yet another chiming of the clock, and then were the same disconcert and tremulousness and meditation as before.

But, in spite of these things, it was a gay and magnificent revel. The tastes of the duke were peculiar. He had a fine eye for colors and effects. He disregarded the *decora* of mere fashion. His plans were bold and fiery, and his conceptions glowed with barbaric lustre. There are some who would have thought him mad. His followers felt that he was not. It was necessary to hear and see and touch him to be *sure* that he was not.

He had directed, in great part, the movable embellishments of the seven chambers, upon occasion of this great *fête*; and it was his own guiding taste which had given character to the masqueraders. Be sure they were grotesque. There were much glare and glitter and piquancy and phantasm—much of what has been since seen in "Hernani." There were arabesque figures with unsuited limbs and appointments.

There were delirious fancies such as the madman fashions. There were much of the beautiful, much of the wanton, much of the *bizarre*, something of the terrible, and not a little of that which might have excited disgust. To and fro in the seven chambers there stalked, in fact, a multitude of dreams. And these—the dreams—writhed in and about, taking hue from the rooms, and causing the wild music of the orchestra to seem as the echo of their steps. And, anon, there strikes the ebony clock which stands in the hall of the velvet. And then, for a moment, all is still, and all is silent save the voice of the clock. The dreams are stiff-frozen as they stand. But the echoes of the chime die away—they have endured but an instant—and a light, half-subdued laughter floats after them as they depart. And now again the music swells, and the dreams live, and writhe to and fro more merrily than ever, taking hue from the many-tinted windows through which stream the rays from the tripods. But to the chamber which lies most westwardly of the seven there are now none of the maskers who venture; for the night is waning away; and there flows a ruddier light through the blood-colored panes; and the blackness of the sable drapery appals; and to him whose foot falls upon the sable carpet, there comes from the near clock of ebony a muffled peal more solemnly emphatic than any which reaches *their*

ears who indulge in the more remote gaieties of the other apartments.

But these other apartments were densely crowded, and in them beat feverishly the heart of life. And the revel went whirlingly on, until at length there commenced the sounding of midnight upon the clock. And then the music ceased, as I have told; and the evolutions of the waltzers were quieted; and there was an uneasy cessation of all things as before. But now there were twelve strokes to be sounded by the bell of the clock; and thus it happened, perhaps that more of thought crept, with more of time, into the meditations of the thoughtful among those who revelled. And thus too, it happened, perhaps, that before the last echoes of the last chime had utterly sunk into silence, there were many individuals in the crowd who had found leisure to become aware of the presence of a masked figure which had arrested the attention of no single individual before. And the rumor of this new presence having spread itself whisperingly around, there arose at length from the whole company a buzz, or murmur, expressive of disapprobation and surprise—then, finally, of terror, of horror, and of disgust.

In an assembly of phantasms such as I have painted, it may well be supposed that no ordinary appearance could have excited such sensation. In truth the masquerade license of the night was nearly unlimited; but the figure in

question had out-Heroded Herod, and gone beyond the bounds of even the prince's indefinite decorum. There are chords in the hearts of the most reckless which cannot be touched without emotion. Even with the utterly lost, to whom life and death are equally jests, there are matters of which no jest can be made. The whole company, indeed, seemed now deeply to feel that in the costume and bearing of the stranger neither wit nor propriety existed. The figure was tall and gaunt, and shrouded from head to foot in the habiliments of the grave. The mask which concealed the visage was made so nearly to resemble the countenance of a stiffened corpse that the closest scrutiny must have had difficulty in detecting the cheat. And yet all this might have been endured, if not approved, by the mad revellers around. But the mummer had gone so far as to assume the type of the Red Death. His vesture was dabbled in *blood*—and his broad brow, with all the features of the face, was besprinkled with the scarlet horror.

When the eyes of Prince Prospero fell upon this spectral image (which, with a slow and solemn movement, as if more fully to sustain its *rôle*, stalked to and fro among the waltzers) he was seen to be convulsed, in the first moment with a strong shudder either of terror or distaste; but, in the next, his brow reddened with rage.

"Who dares"—he demanded hoarsely of the courtiers who stood near him—"who dares insult us with this blasphemous mockery? Seize him and unmask him—that we may know whom we have to hang, at sunrise, from the battlements!"

It was in the eastern or blue chamber in which stood the Prince Prospero as he uttered these words. They rang throughout the seven rooms loudly and clearly, for the prince was a bold and robust man, and the music had become hushed at the waving of his hand.

It was in the blue room where stood the prince, with a group of pale courtiers by his side. At first, as he spoke, there was a slight rushing movement of this group in the direction of the intruder, who, at the moment was also near at hand, and now, with deliberate and stately step, made closer approach to the speaker. But from a certain nameless awe with which the mad assumptions of the mummer had inspired the whole party, there were found none who put forth hand to seize him; so that, unimpeded, he passed within a yard of the prince's person; and, while the vast assembly, as if with one impulse, shrank from the centres of the rooms to the walls, he made his way uninterruptedly, but with the same solemn and measured step which had distinguished him from the first, through the blue chamber to the purple—through the purple to the green—through the green to the orange—through this

again to the white—and even thence to the violet, ere a decided movement had been made to arrest him. It was then, however, that the Prince Prospero, maddening with rage and the shame of his own momentary cowardice, rushed hurriedly through the six chambers, while none followed him on account of a deadly terror that had seized upon all. He bore aloft a drawn dagger, and had approached, in rapid impetuosity, to within three or four feet of the retreating figure, when the latter, having attained the extremity of the velvet apartment, turned suddenly and confronted his pursuer. There was a sharp cry—and the dagger dropped gleaming upon the sable carpet, upon which, instantly afterward, fell prostrate in death the Prince Prospero. Then, summoning the wild courage of despair, a throng of the revellers at once threw themselves into the black apartment, and, seizing the mummer, whose tall figure stood erect and motionless within the shadow of the ebony clock, gasped in unutterable horror at finding the grave cerements and corpse-like mask, which they handled with so violent a rudeness, untenanted by any tangible form.

And now was acknowledged the presence of the Red Death. He had come like a thief in the night. And one by one dropped the revellers in the blood-bedewed halls of their revel, and died each in the despairing posture of his fall. And the life of the ebony clock went out

with that of the last of the gay. And the flames of the tripods expired. And Darkness and Decay and the Red Death held illimitable dominion over all.

THE CASK OF AMONTILLADO

THE thousand injuries of Fortunato I had borne as I best could; but when he ventured upon insult, I vowed revenge. You, who so well know the nature of my soul, will not suppose, however, that I gave utterance to a threat. *At length* I would be avenged; this was a point definitely settled—but the very definitiveness with which it was resolved, precluded the idea of risk. I must not only punish, but punish with impunity. A wrong is unredressed when retribution overtakes its redresser. It is equally unredressed when the avenger fails to make himself felt as such to him who has done the wrong.

It must be understood, that neither by word nor deed had I given Fortunato cause to doubt my good-will. I continued, as was my wont, to smile in his face, and he did not perceive that my smile *now* was at the thought of his immolation.

He had a weak point—this Fortunato—although in other regards he was a man to be respected and even feared. He prided himself on his connoisseurship in wine. Few Italians

have the true virtuoso spirit. For the most part their enthusiasm is adapted to suit the time and opportunity—to practise imposture upon the British and Austrian *millionaires*. In painting and gemmary Fortunato, like his countrymen, was a quack—but in the matter of old wines he was sincere. In this respect I did not differ from him materially: I was skilful in the Italian vintages myself, and bought largely whenever I could.

It was about dusk, one evening during the supreme madness of the carnival season, that I encountered my friend. He accosted me with excessive warmth, for he had been drinking much. The man wore motley. He had on a tight-fitting parti-striped dress, and his head was surmounted by the conical cap and bells. I was so pleased to see him, that I thought I should never have done wringing his hand.

I said to him: "My dear Fortunato, you are luckily met. How remarkably well you are looking to-day! But I have received a pipe of what passes for Amontillado, and I have my doubts."

"How?" said he. "Amontillado? A pipe? Impossible! And in the middle of the carnival!"

"I have my doubts," I replied; "and I was silly enough to pay the full Amontillado price without consulting you in the matter. You were not to be found, and I was fearful of losing a bargain."

"Amontillado!"

"I have my doubts."

"Amontillado!"

"And I must satisfy them."

"Amontillado!"

"As you are engaged, I am on my way to Luchesi. If any one has a critical turn, it is he. He will tell me——"

"Luchesi cannot tell Amontillado from Sherry."

"And yet some fools will have it that his taste is a match for your own."

"Come, let us go."

"Whither?"

"To your vaults."

"My friend, no: I will not impose upon your good nature. I perceive you have an engagement. Luchesi——"

"I have no engagement;—come."

"My friend, no. It is not the engagement, but the severe cold with which I perceive you are afflicted. The vaults are insufferably damp. They are encrusted with nitre."

"Let us go, nevertheless. The cold is merely nothing. Amontillado! You have been imposed upon. And as for Luchesi, he cannot distinguish Sherry from Amontillado."

Thus speaking, Fortunato possessed himself of my arm. Putting on a mask of black silk, and drawing a *roquelaire* closely about my person, I suffered him to hurry me to my palazzo.

There were no attendants at home; they had absconded to make merry in honor of the time. I had told them that I should not return until the morning, and had given them explicit orders not to stir from the house. These orders were sufficient, I well knew, to insure their immediate disappearance, one and all, as soon as my back was turned.

I took from their sconces two flambeaux, and giving one to Fortunato, bowed him through several suites of rooms to the archway that led into the vaults. I passed down a long and winding staircase, requesting him to be cautious as he followed. We came at length to the foot of the descent, and stood together on the damp ground of the catacombs of the Montresors.

The gait of my friend was unsteady, and the bells upon his cap jingled as he strode.

"The pipe?" said he.

"It is farther on," said I; "but observe the white webwork which gleams from these cavern walls."

He turned toward me, and looked into my eyes with two filmy orbs that distilled the rheum of intoxication.

"Nitre?" he asked, at length.

"Nitre," I replied. "How long have you had that cough?"

"Ugh! ugh! ugh!—ugh! ugh! ugh!—ugh! ugh! ugh!—ugh! ugh! ugh!—ugh! ugh! ugh!"

My poor friend found it impossible to reply for many minutes.

"It is nothing," he said, at last.

"Come," I said, with decision, "we will go back; your health is precious. You are rich, respected, admired, beloved; you are happy, as once I was. You are a man to be missed. For me it is no matter. We will go back; you will be ill, and I cannot be responsible. Besides, there is Luchesi——"

"Enough," he said; "the cough is a mere nothing; it will not kill me. I shall not die of a cough."

"True—true," I replied; "and, indeed, I had no intention of alarming you unnecessarily; but you should use all proper caution. A draught of this Medoc will defend us from the damps."

Here I knocked off the neck of a bottle which I drew from a long row of its fellows that lay upon the mould.

"Drink," I said, presenting him the wine.

He raised it to his lips with a leer. He paused and nodded to me familiarly, while his bells jingled.

"I drink," he said, "to the buried that repose around us."

"And I to your long life."

He again took my arm, and we proceeded.

"These vaults," he said, "are extensive."

"The Montresors," I replied, "were a great and numerous family."

"I forget your arms."

"A huge human foot d'or, in a field azure; the foot crushes a serpent rampant whose fangs are imbedded in the heel."

"And the motto?"

"*Nemo me impune lacessit.*"

"Good!" he said.

The wine sparkled in his eyes and the bells jingled. My own fancy grew warm with the Medoc. We had passed through walls of piled bones, with casks and puncheons intermingling, into the inmost recesses of the catacombs. I paused again, and this time I made bold to seize Fortunato by an arm above the elbow.

"The nitre!" I said; "see, it increases. It hangs like moss upon the vaults. We are below the river's bed. The drops of moisture trickle among the bones. Come, we will go back ere it is too late. Your cough——"

"It is nothing," he said; "let us go on. But first, another draught of the Medoc."

I broke and reached him a flagon of De Grâve. He emptied it at a breath. His eyes flashed with a fierce light. He laughed and threw the bottle upward with a gesticulation I did not understand.

I looked at him in surprise. He repeated the movement—a grotesque one.

"You do not comprehend?" he said.

"Not I," I replied.

"Then you are not of the brotherhood."

"How?"

"You are not of the masons."

"Yes, yes," I said; "yes, yes."

"You? Impossible! A mason?"

"A mason," I replied.

"A sign," he said.

"It is this," I answered, producing a trowel from beneath the folds of my *roquelaire*.

"You jest," he exclaimed, recoiling a few paces. "But let us proceed to the Amontillado."

"Be it so," I said, replacing the tool beneath the cloak, and again offering him my arm. He leaned upon it heavily. We continued our route in search of the Amontillado. We passed through a range of low arches, descended, passed on, and descending again, arrived at a deep crypt, in which the foulness of the air caused our flambeaux rather to glow than flame.

At the most remote end of the crypt there appeared another less spacious. Its walls had been lined with human remains, piled to the vault overhead, in the fashion of the great catacombs of Paris. Three sides of this interior crypt were still ornamented in this manner. From the fourth the bones had been thrown down, and lay promiscuously upon the earth, forming at one point a mound of some size. Within the wall thus exposed by the displacing of the bones, we perceived a still interior recess, in depth about four feet, in width three, in height six or seven. It seemed to have been constructed for no especial use within itself,

but formed merely the interval between two of the colossal supports of the roof of the catacombs, and was backed by one of their circumscribing walls of solid granite.

It was in vain that Fortunato, uplifting his dull torch, endeavored to pry into the depth of the recess. Its termination the feeble light did not enable us to see.

"Proceed," I said; "herein is the Amontillado. As for Luchesi——"

"He is an ignoramus," interrupted my friend, as he stepped unsteadily forward, while I followed immediately at his heels. In an instant he had reached the extremity of the niche, and finding his progress arrested by the rock, stood stupidly bewildered. A moment more and I had fettered him to the granite. In its surface were two iron staples, distant from each other about two feet, horizontally. From one of these depended a short chain, from the other a padlock. Throwing the links about his waist, it was but the work of a few seconds to secure it. He was too much astounded to resist. Withdrawing the key I stepped back from the recess.

"Pass your hand," I said, "over the wall; you cannot help feeling the nitre. Indeed it is *very* damp. Once more let me *implore* you to return. No? Then I must positively leave you. But I must first render you all the little attentions in my power."

"The Amontillado!" ejaculated my friend, not yet recovered from his astonishment.

"True," I replied; "the Amontillado."

As I said these words I busied myself among the pile of bones of which I have before spoken. Throwing them aside, I soon uncovered a quantity of building stone and mortar. With these materials and with the aid of my trowel, I began vigorously to wall up the entrance of the niche.

I had scarcely laid the first tier of the masonry when I discovered that the intoxication of Fortunato had in a great measure worn off. The earliest indication I had of this was a low moaning cry from the depth of the recess. It was *not* the cry of a drunken man. There was then a long and obstinate silence. I laid the second tier, and the third, and the fourth; and then I heard the furious vibrations of the chain. The noise lasted for several minutes, during which, that I might hearken to it with the more satisfaction, I ceased my labors and sat down upon the bones. When at last the clanking subsided, I resumed the trowel, and finished without interruption the fifth, the sixth, and the seventh tier. The wall was now nearly upon a level with my breast. I again paused, and holding the flambeaux over the mason-work, threw a few feeble rays upon the figure within.

A succession of loud and shrill screams, bursting suddenly from the throat of the

chained form, seemed to thrust me violently back. For a brief moment I hesitated—I trembled. Unsheathing my rapier, I began to grope with it about the recess; but the thought of an instant reassured me. I placed my hand upon the solid fabric of the catacombs, and felt satisfied. I reapproached the wall. I replied to the yells of him who clamored. I re-echoed—I aided—I surpassed them in volume and in strength. I did this, and the clamorer grew still.

It was now midnight, and my task was drawing to a close. I had completed the eighth, the ninth, and the tenth tier. I had finished a portion of the last and the eleventh; there remained but a single stone to be fitted and plastered in. I struggled with its weight; I placed it partially in its destined position. But now there came from out the niche a low laugh that erected the hairs upon my head. It was succeeded by a sad voice, which I had difficulty in recognizing as that of the noble Fortunato. The voice said—

"Ha! ha! ha!—he! he!—a very good joke indeed—an excellent jest. We will have many a rich laugh about it at the palazzo—he! he! he!——over our wine—he! he! he!"

"The Amontillado!" I said.

"He! he! he!—he! he! he;—yes, the Amontillado. But is it not getting late? Will not they be awaiting us at the palazzo, the Lady Fortunato and the rest? Let us be gone."

"Yes," I said, "let us be gone."

"*For the love of God, Montresor!*"

"Yes," I said, "for the love of God!"

But to these words I hearkened in vain for a reply. I grew impatient. I called aloud;

"Fortunato!"

No answer. I called again;

"Fortunato!"

No answer still. I thrust a torch through the remaining aperture and let it fall within. There came forth in return only a jingling of the bells. My heart grew sick—on account of the dampness of the catacombs. I hastened to make an end of my labor. I forced the last stone into its position; I plastered it up. Against the new masonry I re-erected the old rampart of bones. For the half of a century no mortal has disturbed them. *In pace requiescat!*

THE IMP OF THE PERVERSE.

In the consideration of the faculties and impulses—of the *prima mobilia* of the human soul, the phrenologists have failed to make room for a propensity which, although obviously existing as a radical, primitive, irreducible sentiment, has been equally overlooked by all the moralists who have preceded them. In the pure arrogance of the reason, we have all overlooked it. We have suffered its existence to escape our senses, solely through want of belief —of faith;—whether it be faith in Revelation, or faith in the Kabbala. The idea of it has never occurred to us, simply because of its supererogation. We saw no *need* of the impulse—for the propensity. We could not perceive its necessity. We could not understand, that is to say, we could not have understood, had the notion of this *primum mobile* ever obtruded itself;—we could not have understood in what manner it might be made to further the objects of humanity, either temporal or eternal. It cannot be denied that phrenology and, in great measure, all metaphysicianism have been concocted *a priori*. The intellectual or

logical man, rather than the understanding or observant man, set himself to imagine designs —to dictate purposes to God. Having thus fathomed, to his satisfaction, the intentions of Jehovah, out of these intentions he built his innumerable systems of mind. In the matter of phrenology, for example, we first determined, naturally enough, that it was the design of the Deity that man should eat. We then assigned to man an organ of alimentiveness, and this organ is the scourge with which the Deity compels man, will-I nill-I, into eating. Secondly, having settled it to be God's will that man should continue his species, we discovered an organ of amativeness, forthwith. And so with combativeness, with ideality, with causality, with constructiveness,—so, in short, with every organ, whether representing a propensity, a moral sentiment, or a faculty of the pure intellect. And in these arrangements of the *principia* of human action, the Spurzheimites, whether right or wrong, in part, or upon the whole, have but followed, in principle, the footsteps of their predecessors; deducing and establishing every thing from the preconceived destiny of man, and upon the ground of the objects of his Creator.

It would have been wiser, it would have been safer, to classify (if classify we must) upon the basis of what man usually or occasionally did, and was always occasionally doing, rather than upon the basis of what we took it for granted

the Deity intended him to do. If we cannot comprehend God in his visible works, how then in his inconceivable thoughts, that call the works into being? If we cannot understand him in his objective creatures, how then in his substantive moods and phases of creation?

Induction, *a posteriori*, would have brought phrenology to admit, as an innate and primitive principle of human action, a paradoxical something, which we may call *perverseness*, for want of a more characteristic term. In the sense I intend, it is, in fact, a *mobile* without motive, a motive not *motivirt*. Through its promptings we act without comprehensible object; or, if this shall be understood as a contradiction in terms, we may so far modify the proposition as to say, that through its promptings we act, for the reason that we should *not*. In theory, no reason can be more unreasonable; but, in fact, there is none more strong. With certain minds, under certain conditions, it becomes absolutely irresistible. I am not more certain that I breathe, than that the assurance of the wrong or error of any action is often the one unconquerable *force* which impels us, and alone impels us to its prosecution. Nor will this overwhelming tendency to do wrong for the wrong's sake, admit of analysis, or resolution into ulterior elements. It is a radical, a primitive impulse—elementary. It will be said, I am aware, that when we persist in acts because we feel we should *not* persist in them,

our conduct is but a modification of that which ordinarily springs from the *combativeness* of phrenology. But a glance will show the fallacy of this idea. The phrenological combativeness has for its essence, the necessity of self-defence. It is our safeguard against injury. Its principle regards our well-being; and thus the desire to be well is excited simultaneously with its development. It follows, that the desire to be well must be excited simultaneously with any principle which shall be merely a modification of combativeness, but in the case of that something which I term *perverseness*, the desire to be well is not only not aroused, but a strongly antagonistical sentiment exists.

An appeal to one's own heart is, after all, the best reply to the sophistry just noticed. No one who trustingly consults and thoroughly questions his own soul, will be disposed to deny the entire radicalness of the propensity in question. It is not more incomprehensible than distinctive. There lives no man who at some period has not been tormented, for example, by an earnest desire to tantalize a listener by circumlocution. The speaker is aware that he displeases; he has every intention to please; he is usually curt, precise, and clear; the most laconic and luminous language is struggling for utterance upon his tongue; it is only with difficulty that he restrains himself from giving it flow; he dreads and deprecates the anger of him whom he addresses; yet, the thought strikes

him, that by certain involutions and parentheses this anger may be engendered. That single thought is enough. The impulse increases to a wish, the wish to a desire, the desire to an uncontrollable longing, and the longing (to the deep regret and mortification of the speaker, and in defiance of all consequences) is indulged.

We have a task before us which must be speedily performed. We know that it will be ruinous to make delay. The most important crisis of our life calls, trumpet-tongued, for immediate energy and action. We glow, we are consumed with eagerness to commence the work, with the anticipation of whose glorious result our whole souls are on fire. It must, it shall be undertaken to-day, and yet we put it off until to-morrow; and why? There is no answer, except that we feel *perverse*, using the word with no comprehension of the principle. To-morrow arrives, and with it a more impatient anxiety to do our duty, but with this very increase of anxiety arrives, also, a nameless, a positively fearful, because unfathomable, craving for delay. This craving gathers strength as the moments fly. The last hour for action is at hand. We tremble with the violence of the conflict within us,—of the definite with the indefinite—of the substance with the shadow. But, if the contest have proceeded thus far, it is the shadow which prevails,—we struggle in vain. The clock strikes, and is

the knell of our welfare. At the same time, it is the chanticleer-note to the ghost that has so long overawed us. It flies—it disappears—we are free. The old energy returns. We will labor *now*. Alas, it is *too late!*

We stand upon the brink of a precipice. We peer into the abyss—we grow sick and dizzy. Our first impulse is to shrink from the danger. Unaccountably we remain. By slow degrees our sickness and dizziness and horror become merged in a cloud of unnamable feeling. By gradations, still more imperceptible, this cloud assumes shape, as did the vapor from the bottle out of which arose the genius in the Arabian Nights. But out of this *our* cloud upon the precipice's edge, there grows into palpability, a shape, far more terrible than any genius or any demon of a tale, and yet it is but a thought, although a fearful one, and one which chills the very marrow of our bones with the fierceness of the delight of its horror. It is merely the idea of what would be our sensations during the sweeping precipitancy of a fall from such a height. And this fall—this rushing annihilation—for the very reason that it involves that one most ghastly and loathsome of all the most ghastly and loathsome images of death and suffering which have ever presented themselves to our imagination—for this very cause do we now the most vividly desire it. And because our reason violently deters us from the brink, *therefore* do we the most impetuously approach

it. There is no passion in nature so demoniacally impatient, as that of him who, shuddering upon the edge of a precipice, thus meditates a plunge. To indulge, for a moment, in any attempt at *thought,* is to be inevitably lost; for reflection but urges us to forbear, and *therefore* it is, I say, that we *cannot.* If there be no friendly arm to check us, or if we fail in a sudden effort to prostrate ourselves backward from the abyss, we plunge, and are destroyed.

Examine these and similar actions as we will, we shall find them resulting solely from the spirit of the *Perverse.* We perpetrate them because we feel that we should *not.* Beyond or behind this there is no intelligible principle; and we might, indeed, deem this perverseness a direct instigation of the arch-fiend, were it not occasionally known to operate in furtherance of good.

I have said thus much, that in some measure I may answer your question—that I may explain to you why I am here—that I may assign to you something that shall have at least the faint aspect of a cause for my wearing these fetters, and for my tenanting this cell of the condemned. Had I not been thus prolix, you might either have misunderstood me altogether, or, with the rabble, have fancied me mad. As it is, you will easily perceive that I am one of the many uncounted victims of the Imp of the Perverse.

It is impossible that any deed could have

been wrought with a more thorough deliberation. For weeks, for months, I pondered upon the means of the murder. I rejected a thousand schemes, because their accomplishment involved a *chance* of detection. At length, in reading some French memoirs, I found an account of a nearly fatal illness that occurred to Madame Pilau, through the agency of a candle accidentally poisoned. The idea struck my fancy at once. I knew my victim's habit of reading in bed. I knew, too, that his apartment was narrow and ill-ventilated. But I need not vex you with impertinent details. I need not describe the easy artifices by which I substituted, in his bed-room candle-stand, a wax-light of my own making for the one which I there found. The next morning he was discovered dead in his bed, and the coroner's verdict was—"Death by the visitation of God."

Having inherited his estate, all went well with me for years. The idea of detection never once entered my brain. Of the remains of the fatal taper I had myself carefully disposed. I had left no shadow of a clew by which it would be possible to convict, or even to suspect, me of the crime. It is inconceivable how rich a sentiment of satisfaction arose in my bosom as I reflected upon my absolute security. For a very long period of time I was accustomed to revel in this sentiment. It afforded me more real delight than all the mere worldly advantages accruing from my sin. But there arrived

at length an epoch, from which the pleasurable feeling grew, by scarcely perceptible gradations, into a haunting and harassing thought. It harassed because it haunted. I could scarcely get rid of it for an instant. It is quite a common thing to be thus annoyed with the ringing in our ears, or rather in our memories, of the burthen of some ordinary song, or some unimpressive snatches from an opera. Nor will we be the less tormented if the song in itself be good, or the opera air meritorious. In this manner, at last, I would perpetually catch myself pondering upon my security, and repeating, in a low under-tone, the phrase, "I am safe."

One day, whilst sauntering along the streets, I arrested myself in the act of murmuring, half aloud, these customary syllables. In a fit of petulance, I re-modelled them thus; "I am safe —I am safe—yes—if I be not fool enough to make open confession!"

No sooner had I spoken these words, than I felt an icy chill creep to my heart. I had had some experience in these fits of perversity (whose nature I have been at some trouble to explain), and I remembered well that in no instance I had successfully resisted their attacks. And now my own casual self-suggestion that I might possibly be fool enough to confess the murder of which I had been guilty, confronted me, as if the very ghost of him whom I had murdered—and beckoned me on to death.

At first, I made an effort to shake off this nightmare of the soul. I walked vigorously—faster—still faster—at length I ran. I felt a maddening desire to shriek aloud. Every succeeding wave of thought overwhelmed me with new terror, for, alas! I well, too well, understood that to *think*, in my situation, was to be lost. I still quickened my pace. I bounded like a madman through the crowded thoroughfares. At length, the populace took the alarm, and pursued me. I felt *then* the consummation of my fate. Could I have torn out my tongue, I would have done it—but a rough voice resounded in my ears—a rougher grasp seized me by the shoulder. I turned—I gasped for breath. For a moment I experienced all the pangs of suffocation; I became blind, and deaf, and giddy; and then some invisible fiend, I thought, struck me with his broad palm upon the back. The long-imprisoned secret burst forth from my soul.

They say that I spoke with a distinct enunciation, but with marked emphasis and passionate hurry, as if in dread of interruption before concluding the brief but pregnant sentences that consigned me to the hangman and to hell.

Having related all that was necessary for the fullest judicial conviction, I fell prostrate in a swoon.

But why shall I say more? To-day I wear these chains, and am *here!* To-morrow I shall be fetterless!—*but where?*

THE ISLAND OF THE FAY.

Nullus enim locus sine genio est.—*Servius.*

"La musique," says Marmontel, in those "Contes Moraux" * which in all our translations, we have insisted upon calling "Moral Tales," as if in mockery of their spirit—"*la musique est le seul des talents qui jouissent de lui-même; tous les autres veulent des temoins.*" He here confounds the pleasure derivable from sweet sounds with the capacity for creating them. No more than any other *talent*, is that for music susceptible of complete enjoyment, where there is no second party to appreciate its exercise. And it is only in common with other talents that it produces *effects* which may be fully enjoyed in solitude. The idea which the *raconteur* has either failed to entertain clearly, or has sacrificed in its expression to his national love of *point*, is, doubtless, the very tenable one that the higher order of music is the most thoroughly estimated when we are exclusively alone. The proposition, in this form, will be

* Moraux is here derived from *mœurs*, and its meaning is "*fashionable*," or, more strictly, "of manners."

admitted at once by those who love the lyre for its own sake, and for its spiritual uses. But there is one pleasure still within the reach of fallen mortality — and perhaps only one — which owes even more than does music to the accessory sentiment of seclusion. I mean the happiness experienced in the contemplation of natural scenery. In truth, the man who would behold aright the glory of God upon earth must in solitude behold that glory. To me, at least, the presence—not of human life only, but of life in any other form than that of the green things which grow upon the soil and are voiceless—is a stain upon the landscape—is at war with the genius of the scene. I love, indeed, to regard the dark valleys, and the gray rocks, and the waters that silently smile, and the forests that sigh in uneasy slumbers, and the proud watchful mountains that look down upon all,—I love to regard these as themselves but the colossal members of one vast animate and sentient whole—a whole whose form (that of the sphere) is the most perfect and most inclusive of all; whose path is among associate planets; whose meek handmaiden is the moon, whose mediate sovereign is the sun; whose life is eternity; whose thought is that of a God; whose enjoyment is knowledge; whose destinies are lost in immensity; whose cognizance of ourselves is akin with our own cognizance of the *animalcula* which infest the brain — a being which we, in consequence, regard as purely in-

animate and material, much in the same manner as these *animalculæ* must regard us.

Our telescopes and our mathematical investigations assure us on every hand—notwithstanding the cant of the more ignorant of the priesthood—that space, and therefore that bulk, is an important consideration in the eyes of the Almighty. The cycles in which the stars move are those best adapted for the evolution, without collision, of the greatest possible number of bodies. The forms of those bodies are accurately such as, within a given surface, to include the greatest possible amount of matter; —while the surfaces themselves are so disposed as to accommodate a denser population than could be accommodated on the same surfaces otherwise arranged. Nor is it any argument against bulk being an object with God, that space itself is infinite; for there may be an infinity of matter to fill it. And since we see clearly that the endowment of matter with vitality is a principle—indeed, as far as our judgments extend, the *leading* principle in the operations of Deity,—it is scarcely logical to imagine it confined to the regions of the minute, where we daily trace it, and not extending to those of the august. As we find cycle within cycle without end,—yet all revolving around one far-distant centre which is the Godhead, may we not analogically suppose in the same manner, life within life, the less within the greater, and all within the Spirit Divine?

In short, we are madly erring, through self-esteem, in believing man, in either his temporal or future destinies, to be of more moment in the universe than that vast "clod of the valley" which he tills and contemns, and to which he denies a soul for no more profound reason than that he does not behold it in operation.*

These fancies, and such as these, have always given to my meditations among the mountains and the forests, by the rivers and the ocean, a tinge of what the everyday world would not fail to term fantastic. My wanderings amid such scenes have been many, and far-searching, and often solitary; and the interest with which I have strayed through many a dim, deep valley, or gazed into the reflected heaven of many a bright lake, has been an interest greatly deepened by the thought that I have strayed and gazed *alone*. What flippant Frenchman† was it who said in allusion to the well-known work of Zimmerman, that, "*la solitude est une belle chose; mais il faut quelqu'un pour vous dire que la solitude est une belle chose?*" The epigram cannot be gainsaid; but the necessity is a thing that does not exist.

It was during one of my lonely journeyings, amid a far distant region of mountain locked within mountain, and sad rivers and melancholy tarns writhing or sleeping within all—

* Speaking of the tides, Pomponius Mela, in his treatise "*De Sitû Orbis*," says "either the world is a great animal, or" etc.

† Balzac—in substance—I do not remember the words.

that I chanced upon a certain rivulet and island. I came upon them suddenly in the leafy June, and threw myself upon the turf, beneath the branches of an unknown odorous shrub, that I might doze as I contemplated the scene. I felt that thus only should I look upon it—such was the character of phantasm which it wore.

On all sides—save to the west, where the sun was about sinking—arose the verdant walls of the forest. The little river which turned sharply in its course, and was thus immediately lost to sight, seemed to have no exit from its prison, but to be absorbed by the deep green foliage of the trees to the east—while in the opposite quarter (so it appeared to me as I lay at length and glanced upward) there poured down noiselessly and continuously into the valley, a rich golden and crimson waterfall from the sunset fountains of the sky.

About midway in the short vista which my dreamy vision took in, one small circular island, profusely verdured, reposed upon the bosom of the stream.

> **So blended bank and shadow there**
> **That each seemed pendulous in air—**

so mirror-like was the glassy water, that it was scarcely possible to say at what point upon the slope of the emerald turf its crystal dominion began.

My position enabled me to include in a

single view both the eastern and western extremities of the islet, and I observed a singularly marked difference in their aspects. The latter was all one radiant harem of garden beauties. It glowed and blushed beneath the eyes of the slant sunlight, and fairly laughed with flowers. The grass was short, springy sweet-scented, and asphodel-interspersed. The trees were lithe, mirthful, erect—bright, slender, and graceful,—of Eastern figure and foliage, with bark smooth, glossy, and parti-colored. There seemed a deep sense of life and joy about all; and although no airs blew from out the heavens, yet every thing had motion through the gentle sweepings to and fro of innumerable butterflies, that might have been mistaken for tulips with wings.*

The other or eastern end of the isle was whelmed in the blackest shade. A sombre, yet beautiful and peaceful gloom here pervaded all things. The trees were dark in color, and mournful in form and attitude, wreathing themselves into sad, solemn, and spectral shapes that conveyed ideas of mortal sorrow and untimely death. The grass wore the deep tint of the cypress, and the heads of its blades hung droopingly, and hither and thither among it were many small unsightly hillocks, low and narrow, and not very long, that had the aspect of graves, but were not; although over and all about them the rue and the rosemary clam-

* Florem putares nare per liquidum æthera *P. Commire.*

bered. The shade of the trees fell heavily upon the water, and seemed to bury itself therein, impregnating the depths of the element with darkness. I fancied that each shadow, as the sun descended lower and lower, separated itself sullenly from the trunk that gave it birth, and thus became absorbed by the stream; while other shadows issued momently from the trees, taking the place of their predecessors thus entombed.

This idea, having once seized upon my fancy, greatly excited it, and I lost myself forthwith in revery. "If ever island were enchanted," said I to myself, "this is it. This is the haunt of the few gentle Fays who remain from the wreck of the race. Are these green tombs theirs?—or do they yield up their sweet lives as mankind yield up their own? In dying, do they not rather waste away mournfully, rendering unto God, little by little, their existence, as these trees render up shadow after shadow, exhausting their substance unto dissolution? What the wasting tree is to the water that imbibes its shade, growing thus blacker by what it preys upon, may not the life of the Fay be to the death which engulfs it?"

As I thus mused, with half-shut eyes, while the sun sank rapidly to rest, and eddying currents careered round and round the island, bearing upon their bosom large, dazzling, white flakes of the bark of the sycamore—flakes which, in their multiform positions upon the

water, a quick imagination might have converted into any thing it pleased.—while I thus mused, it appeared to me that the form of one of those very Fays about whom I had been pondering made its way slowly into the darkness from out the light at the western end of the island. She stood erect in a singularly fragile canoe, and urged it with the mere phantom of an oar. While within the influence of the lingering sunbeams, her attitude seemed indicative of joy—but sorrow deformed it as she passed within the shade. Slowly she glided along, and at length rounded the islet and reentered the region of light. "The revolution which has just been made by the Fay," continued I, musingly, "is the cycle of the brief year of her life. She has floated through her winter and through her summer. She is a year nearer unto death; for I did not fail to see that, as she came into the shade, her shadow fell from her, and was swallowed up in the dark water, making its blackness more black."

And again the boat appeared, and the Fay; but about the attitude of the latter there was more of care and uncertainty, and less of elastic joy. She floated again from out the light, and into the gloom (which deepened momently), and again her shadow fell from her into the ebony water, and became absorbed into its blackness. And again and again she made the circuit of the island, (while the sun rushed down to his slumbers), and at each issuing into

the light, there was more sorrow about her person, while it grew feebler, and far fainter, and more indistinct; and at each passage into the gloom, there fell from her a darker shade, which became whelmed in a shadow more black. But at length, when the sun had utterly departed, the Fay, now the mere ghost of her former self, went disconsolately with her boat into the region of the ebony flood—and that she issued thence at all I cannot say, for darkness fell over all things, and I beheld her magical figure no more.

THE ASSIGNATION.

Stay for me there! I will not fail
To meet thee in that hollow vale.

(Exequy on the death of his wife, by Henry King, Bishop of Chichester.)

Ill-fated and mysterious man!—bewildered in the brilliancy of thine own imagination, and fallen in the flames of thine own youth! Again in fancy I behold thee! Once more thy form hath risen before me!—not—oh! not as thou art—in the cold valley and shadow—but as thou *shouldst be*—squandering away a life of magnificent meditation in that city of dim visions, thine own Venice—which is a star-beloved Elysium of the sea, and the wide windows of whose Palladian palaces look down with a deep and bitter meaning upon the secrets of her silent waters. Yes! I repeat it—as thou *shouldst be*. There are surely other worlds than this—other thoughts than the thoughts of the multitude—other speculations than the speculations of the sophist. Who then shall call thy conduct into question? who blame thee for thy visionary hours, or denounce those occupations as a wasting away of life, which

were but the overflowings of thine everlasting energies?

It was at Venice, beneath the covered archway there called the *Ponte di Sospiri,* that I met, for the third or fourth time the person of whom I speak. It is with a confused recollection that I bring to mind the circumstances of that meeting. Yet I remember—ah! how should I forget?—the deep midnight, the Bridge of Sighs, the beauty of woman, and the Genius of Romance that stalked up and down the narrow canal.

It was a night of unusual gloom. The great clock of the Piazza had sounded the fifth hour of the Italian evening. The square of the Campanile lay silent and deserted, and the lights in the old Ducal Palace were dying fast away. I was returning home from the Piazetta, by way of the Grand Canal. But as my gondola arrived opposite the mouth of the canal San Marco, a female voice from its recesses broke suddenly upon the night, in one wild, hysterical, and long-continued shriek. Startled at the sound, I sprang upon my feet; while the gondolier, letting slip his single oar, lost it in the pitchy darkness beyond a chance of recovery, and we were consequently left to the guidance of the current which here sets from the greater into the smaller channel. Like some huge and sable-feathered condor, we were slowly drifting down toward the Bridge of Sighs, when a thousand flambeaux flashing from the

windows, and down the staircases of the Ducal Palace, turned all at once that deep gloom into a livid and preternatural day.

A child, slipping from the arms of its own mother, had fallen from an upper window of the lofty structure into the deep and dim canal. The quiet waters had closed placidly over their victim; and, although my own gondola was the only one in sight, many a stout swimmer, already in the stream, was seeking in vain upon the surface, the treasure which was to be found, alas! only within the abyss. Upon the broad black marble flagstones at the entrance of the palace, and a few steps above the water, stood a figure which none who then saw can have ever since forgotten. It was the Marchesa Aphrodite—the adoration of all Venice - the gayest of the gay- the most lovely where all were beautiful- but still the young wife of the old and intriguing Mentoni, and the mother of that fair child, her first and only one, who now, deep beneath the murky water, was thinking in bitterness of heart upon her sweet caresses, and exhausting its little life in struggles to call upon her name.

She stood alone. Her small, bare and silvery feet gleamed in the black mirror of marble beneath her. Her hair, not as yet more than half loosened for the night from its ball-room array, clustered, amid a shower of diamonds, round and round her classical head, in curls like those of the young hyacinth. A snowy-

white and gauze-like drapery seemed to be nearly the sole covering to her delicate form; but the mid-summer and midnight air was hot, sullen, and still, and no motion in the statue-like form itself, stirred even the folds of that raiment of very vapor which hung around it as the heavy marble hangs around the Niobe. Yet —strange to say!—her large lustrous eyes were not turned downward upon that grave wherein her brightest hope lay buried—but riveted in a widely different direction! The prison of the Old Republic is, I think, the stateliest building in all Venice—but how could that lady gaze so fixedly upon it, when beneath her lay stifling her own child? Yon dark, gloomy niche, too, yawns right opposite her chamber window—what, then, *could* there be in its shadows—in its architecture—in its ivy-wreathed and solemn cornices—that the Marchesa di Mentoni had not wondered at a thousand times before? Nonsense!—Who does not remember that, at such a time as this, the eye, like a shattered mirror, multiplies the images of its sorrow, and sees in innumerable far-off places, the woe which is close at hand?

Many steps above the Marchesa, and within the arch of the water-gate, stood, in full dress, the Satyr-like figure of Mentoni himself. He was occasionally occupied in thrumming a guitar, and seemed *ennuyé* to the very death, as at intervals he gave directions for the recovery of his child. Stupefied and aghast, I had myself

no power to move from the upright position I had assumed upon first hearing the shriek, and must have presented to the eyes of the agitated group a spectral and ominous appearance, as with pale countenance and rigid limbs, I floated down among them in that funereal gondola.

All efforts proved in vain. Many of the most energetic in the search were relaxing their exertions, and yielding to a gloomy sorrow. There seemed but little hope for the child; (how much less than for the mother!) but now, from the interior of that dark niche which has been already mentioned as forming a part of the Old Republican prison, and as fronting the lattice of the Marchesa, a figure muffled in a cloak, stepped out within reach of the light, and, pausing a moment upon the verge of the giddy descent, plunged headlong into the canal. As, in an instant afterward, he stood with the still living and breathing child within his grasp, upon the marble flagstones by the side of the Marchesa, his cloak, heavy with the drenching water, became unfastened, and, falling in folds about his feet, discovered to the wonder-stricken spectators the graceful person of a very young man, with the sound of whose name the greater part of Europe was then ringing.

No word spoke the deliverer. But the Marchesa! She will now receive her child—she will press it to her heart—she will cling to its little form, and smother it with her caresses. Alas!

another's arms have taken it from the stranger —*another's* arms have taken it away, and borne it afar off, unnoticed, into the palace! And the Marchesa! Her lip—her beautiful lip trembles; tears are gathering in her eyes—those eyes which, like Pliny's acanthus, are "soft and almost liquid." Yes! tears are gathering in those eyes—and see! the entire woman thrills throughout the soul, and the statue has started into life! The pallor of the marble countenance, the swelling of the marble bosom, the very purity of the marble feet, we behold suddenly flushed over with a tide of ungovernable crimson; and a slight shudder quivers about her delicate frame, as a gentle air at Napoli about the rich silver lilies in the grass.

Why *should* that lady blush! To this demand there is no answer—except that, having left, in the eager haste and terror of a mother's heart, the privacy of her own *boudoir*, she has neglected to enthral her tiny feet in their slippers, and utterly forgotten to throw over her Venetian shoulders that drapery which is their due. What other possible reason could there have been for her so blushing?—for the glance of those wild appealing eyes?—for the unusual tumult of that throbbing bosom?—for the convulsive pressure of that trembling hand?—that hand which fell, as Mentoni turned into the palace, accidentally, upon the hand of the stranger. What reason could there have been for the low—the singularly low tone of those

unmeaning words which the lady uttered hurriedly in bidding him adieu? "Thou hast conquered," she said, or the murmurs of the water deceived me; "thou hast conquered—one hour after sunrise—we shall meet—so let it be!"

* * * * * * *

The tumult had subsided, the lights had died away within the palace, and the stranger, whom I now recognized, stood alone upon the flags. He shook with inconceivable agitation, and his eye glanced around in search of a gondola. I could not do less than offer him the service of my own; and he accepted the civility. Having obtained an oar at the water-gate, we proceeded together to his residence, while he rapidly recovered his self-possession, and spoke of our former slight acquaintance in terms of great apparent cordiality.

There are some subjects upon which I take pleasure in being minute. The person of the stranger—let me call him by this title, who to all the world was still a stranger—the person of the stranger is one of these subjects. In height he might have been below rather than above the medium size: although there were moments of intense passion when his frame actually *expanded* and belied the assertion. The light, almost slender symmetry of his figure promised more of that ready activity which he evinced at the Bridge of Sighs, than of that Herculean strength which he has been known to wield without an effort, upon occasions of

more dangerous emergency. With the mouth and chin of a deity—singular, wild, full, liquid eyes, whose shadows varied from pure hazel to intense and brilliant jet—and a profusion of curling, black hair, from which a forehead of unusual breadth gleamed forth at intervals all light and ivory—his were features than which I have seen none more classically regular, except, perhaps, the marble ones of the Emperor Commodus. Yet his countenance was, nevertheless, one of those which all men have seen at some period of their lives, and have never afterward seen again. It had no peculiar, it had no settled predominant expression to be fastened upon the memory; a countenance seen and instantly forgotten, but forgotten with a vague and never-ceasing desire of recalling it to mind. Not that the spirit of each rapid passion failed, at any time, to throw its own distinct image upon the mirror of that face—but that the mirror, mirror-like, retained no vestige of the passion, when the passion had departed.

Upon leaving him on the night of our adventure, he solicited me, in what I thought an urgent manner, to call upon him *very* early the next morning. Shortly after sunrise, I found myself accordingly at his Palazzo, one of those huge structures of gloomy yet fantastic pomp, which tower above the waters of the Grand Canal in the vicinity of the Rialto. I was shown up a broad winding staircase of mosaics, into an apartment whose unparalleled splendor

burst through the opening door with an actual glare, making me blind and dizzy with luxuriousness.

I knew my acquaintance to be wealthy. Report had spoken of his possessions in terms which I had even ventured to call terms of ridiculous exaggeration. But as I gazed about me, I could not bring myself to believe that the wealth of any subject in Europe could have supplied the princely magnificence which burned and blazed around.

Although, as I say, the sun had arisen, yet the room was still brilliantly lighted up. I judge from this circumstance, as well as from an air of exhaustion in the countenance of my friend, that he had not retired to bed during the whole of the preceding night. In the architecture and embellishments of the chamber, the evident design had been to dazzle and astound. Little attention had been paid to the *decora* of what is technically called *keeping*, or to the proprieties of nationality. The eye wandered from object to object, and rested upon none—neither the *grotesques* of the Greek painters, nor the sculptures of the best Italian days, nor the huge carvings of untutored Egypt. Rich draperies in every part of the room trembled to the vibration of low, melancholy music, whose origin was not to be discovered. The senses were oppressed by mingled and conflicting perfumes, reeking up from strange convolute censers, together with multitudinous flaring and

flickering tongues of emerald and violet fire. The rays of the newly risen sun poured in upon the whole, through windows, formed each of a single pane of crimson-tinted glass. Glancing to and fro, in a thousand reflections, from curtains which rolled from their cornices like cataracts of molten silver, the beams of natural glory mingled at length fitfully with the artificial light, and lay weltering in subdued masses upon a carpet of rich, liquid-looking cloth of Chili gold.

"Ha! ha! ha!—ha! ha! ha!"—laughed the proprietor, motioning me to a seat as I entered the room, and throwing himself back at full-length upon an ottoman. "I see," said he, perceiving that I could not immediately reconcile myself to the *bienséance* of so singular a welcome,—"I see you are astonished at my apartment—at my statues—my pictures—my originality of conception in architecture and upholstery! absolutely drunk, eh, with my magnificence? But pardon me, my dear sir; (here his tone of voice dropped to the very spirit of cordiality,) pardon me for my uncharitable laughter. You appeared so *utterly* astonished. Besides, some things are so completely ludicrous, that a man *must* laugh, or die. To die laughing must be the most glorious of all glorious deaths! Sir Thomas More—a very fine man was Sir Thomas More—Sir Thomas More died laughing, you remember. Also in the 'Absurdities' of Ravisius Textor, there is a long

list of characters who came to the same magnificent end. Do you know, however," continued he, musingly, "that at Sparta (which is now Palæochori), at Sparta, I say, to the west of the citadel, among a chaos of scarcely visible ruins, is a kind of *socle*, upon which are still legible the letters *ΛΑΞΜ*. They are undoubtedly part of *ΓΕΛΑΞΜΑ*. Now, at Sparta were a thousand temples and shrines to a thousand different divinities. How exceedingly strange that the altar of Laughter should have survived all the others! But in the present instance," he resumed, with a singular alteration of voice and manner, "I have no right to be merry at your expense. You might well have been amazed. Europe cannot produce any thing so fine as this, my little regal cabinet. My other apartments are by no means of the same order—mere *ultras* of fashionable insipidity. This is better than fashion—is it not? Yet this has but to be seen to become the rage —that is, with those who could afford it at the cost of their entire patrimony. I have guarded, however, against any such profanation. With one exception, you are the only human being, besides myself and my *valet*, who has been admitted within the mysteries of these imperial precincts, since they have been bedizened as you see!".

I bowed in acknowledgment—for the overpowering sense of splendor and perfume and music, together with the unexpected eccentric-

ity of his address and manner, prevented me from expressing, in words, my appreciation of what I might have construed into a compliment.

"Here," he resumed, arising and leaning on my arm as he sauntered around the apartment, "here are paintings from the Greeks to Cimabue, and from Cimabue to the present hour. Many are chosen, as you see, with little deference to the opinions of Virtu. They are all, however, fitting tapestry for a chamber such as this. Here, too, are some *chef-d'œuvres* of the unknown great; and here, unfinished designs by men, celebrated in their day, whose very names the perspicacity of the academies has left to silence and to me. What think you," said he, turning abruptly as he spoke,—"what think you of this Madonna della Pieta?"

"It is Guido's own!" I said, with all the enthusiasm of my nature, for I had been poring intently over its surpassing loveliness. "It is Guido's own!—how *could* you have obtained it? she is undoubtedly in painting what Venus is in sculpture."

"Ha!" said he, thoughtfully, "the Venus?—the beautiful Venus?—the Venus of the Medici?—she of the diminutive head and the gilded hair? Part of the left arm [here his voice dropped so as to be heard with difficulty], and all the right, are restorations, and in the coquetry of that right arm lies, I think, the quintessence of all affectation. Give *me* the

Canova! The Apollo, too, is a copy—there can be no doubt of it—blind fool that I am, who cannot behold the boasted inspiration of the Apollo! I cannot help—pity me!—I cannot help preferring the Antinous. Was it not Socrates who said that the statuary found his statue in the block of marble? Then Michæl Angelo was by no means original in his couplet—

> 'Non ha l' ottimo artista alcun concetto
> Che un marmo solo in se non circunscriva.'"

It has been, or should be remarked, that, in the manner of the true gentleman, we are always aware of a difference from the bearing of the vulgar, without being at once precisely able to determine in what such difference consists. Allowing the remark to have applied in its full force to the outward demeanor of my acquaintance, I felt it, on that eventful morning, still more fully applicable to his moral temperament and character. Nor can I better define that peculiarity of spirit which seemed to place him so essentially apart from all other human beings, than by calling it a *habit* of intense and continual thought, pervading even his most trivial actions—intruding upon his moments of dalliance—and interweaving itself with his very flashes of merriment—like adders which writhe from out the eyes of the grinning masks in the cornices around the temples of Persepolis.

I could not help, however, repeatedly ob-

serving, through the mingled tone of levity and solemnity with which he rapidly descanted upon matters of little importance, a certain air of trepidation—a degree of nervous *unction* in action and in speech—an unquiet excitability of manner which appeared to me at all times unaccountable, and upon some occasions even filled me with alarm. Frequently, too, pausing in the middle of a sentence whose commencement he had apparently forgotten, he seemed to be listening in the deepest attention, as if either in momentary expectation of a visitor, or to sounds which must have had existence in his imagination alone.

It was during one of these reveries or pauses of apparent abstraction, that, in turning over a page of the poet and scholar Politian's beautiful tragedy, "The Orfeo" (the first native Italian tragedy), which lay near me upon an ottoman, I discovered a passage underlined in pencil. It was a passage toward the end of the third act—a passage of the most heart-stirring excitement—a passage which, although tainted with impurity, no man shall read without a thrill of novel emotion—no woman without a sigh. The whole page was blotted with fresh tears; and, upon the opposite interleaf, were the following English lines, written in a hand so very different from the peculiar characters of my acquaintance, that I had some difficulty in recognizing it as his own:

Thou wast that all to me, love,
  For which my soul did pine—
A green isle in the sea, love,
  A fountain and a shrine,
All wreathed with fairy fruits and flowers;
  And all the flowers were mine.

Ah, dream too bright to last!
  Ah, starry Hope, that didst arise
But to be overcast!
  A voice from out the Future cries,
"Onward!"—but o'er the Past
  (Dim gulf!) my spirit hovering lies,
Mute—motionless—aghast!

For alas! alas! with me
  The light of life is o'er.
"No more—no more—no more,"
  (Such language holds the solemn sea
To the sands upon the shore,)
  Shall bloom the thunder-blasted tree,
Or the stricken eagle soar!

Now all my hours are trances;
  And all my nightly dreams
Are where the dark eye glances,
  And where thy footstep gleams
In what ethereal dances,
  By what Italian streams.

Alas! for that accursed time
  They bore thee o'er the billow,
From Love to titled age and crime,
  And an unholy pillow!—
From me, and from our misty clime,
  Where weeps the silver willow!

That these lines were written in English—a language with which I had not believed their author acquainted—afforded me little matter for surprise. I was too well aware of the extent of his acquirements, and of the singular pleasure he took in concealing them from observation, to be astonished at any similar dis-

covery; but the place of date, I must confess, occasioned me no little amazement. It had been originally *London,* and afterward carefully overscored—not, however, so effectually as to conceal the word from a scrutinizing eye. I say, this occasioned me no little amazement; for I well remember that, in a former conversation with my friend, I particularly inquired if he had at any time met in London the Marchesa di Mentoni (who for some years previous to her marriage had resided in that city), when his answer, if I mistake not, gave me to understand that he had never visited the metropolis of Great Britain. I might as well here mention, that I have more than once heard, (without, of course, giving credit to a report involving so many improbabilities,) that the person of whom I speak, was not only by birth, but in education, an *Englishman.*

* * * * * *

"There is one painting," said he, without being aware of my notice of the tragedy,—"there is still one painting which you have not seen." And throwing aside a drapery, he discovered a full-length portrait of the Marchesa Aphrodite.

Human art could have done no more in the delineation of her superhuman beauty. The same ethereal figure which stood before me the preceding night upon the steps of the Ducal Palace, stood before me once again. But in the expression of the countenance, which was

beaming all over with smiles, there still lurked (incomprehensible anomaly!) that fitful stain of melancholy which will ever be found inseparable from the perfection of the beautiful. Her right arm lay folded over her bosom. With her left she pointed downward to a curiously fashioned vase. One small, fairy foot, alone visible, barely touched the earth; and, scarcely discernible in the brilliant atmosphere which seemed to encircle and enshrine her loveliness, floated a pair of the most delicately imagined wings. My glance fell from the painting to the figure of my friend, and the vigorous words of Chapman's *Bussy D'Ambois,* quivered instinctively upon my lips:

> "He is up
> There like a Roman statue! He will stand
> Till Death hath made him marble!"

"Come," he said at length, turning toward a table of richly enamelled and massive silver, upon which were a few goblets fantastically stained, together with two large Etruscan vases, fashioned in the same extraordinary model as that in the foreground of the portrait, and filled with what I supposed to be Johannisberger. "Come," he said, abruptly, "let us drink! It is early—but let us drink. It is *indeed* early," he continued, musingly, as a cherub with a heavy golden hammer made the apartment ring with the first hour after sunrise: "it is *indeed* early—but what matters it? let us drink! Let

us pour out an offering to yon solemn sun which these gaudy lamps and censers are so eager to subdue!" And having made me pledge him in a bumper, he swallowed in rapid succession several goblets of the wine.

"To dream," he continued, resuming the tone of his desultory conversation, as he held up to the rich light of a censer one of the magnificent vases—"to dream has been the business of my life. I have therefore framed for myself, as you see, a bower of dreams. In the heart of Venice could I have erected a better? You behold around you, it is true, a medley of architectural embellishments. The chastity of Ionia is offended by antediluvian devices, and the sphynxes of Egypt are outstretched upon carpets of gold. Yet the effect is incongruous to the timid alone. Proprieties of place, and especially of time, are the bugbears which terrify mankind from the contemplation of the magnificent. Once I was myself a decorist; but that sublimation of folly has palled upon my soul. All this is now the fitter for my purpose. Like these arabesque censers, my spirit is writhing in fire, and the delirium of this scene is fashioning me for the wilder visions of that land of real dreams whither I am now rapidly departing." He here paused abruptly, bent his head to his bosom, and seemed to listen to a sound which I could not hear. At length, erecting his frame, he looked upwards, and

ejaculated the lines of the Bishop of Chichester:

> "*Stay for me there! I will not fail,*
> *To meet thee in that hollow vale.*"

In the next instant, confessing the power of the wine, he threw himself at full length upon an ottoman.

A quick step was now heard upon the staircase, and a loud knock at the door rapidly succeeded. I was hastening to anticipate a second disturbance, when a page of Mentoni's household burst into the room, and faltered out, in a voice choking with emotion, the incoherent words, "My mistress!—my mistress!—Poisoned!—poisoned! Oh, beautiful—oh, beautiful Aphrodite!"

Bewildered, I flew to the ottoman, and endeavored to arouse the sleeper to a sense of the startling intelligence. But his limbs were rigid—his lips were livid—his lately beaming eyes were riveted in *death*. I staggered back toward the table—my hand fell upon a cracked and blackened goblet—and a consciousness of the entire and terrible truth flashed suddenly over my soul.

THE PIT AND THE PENDULUM.

Impia tortorum longas hic turba furores
Sanguinis innocui, non satiata, aluit.
Sospite nunc patria, fracto nunc funeris antro,
Mors ubi dira fuit vita salusque patent.

[Quatrain composed for the gates of a market to be erected upon the site of the Jacobin Club House at Paris.]

I WAS sick—sick unto death with that long agony; and when they at length unbound me, and I was permitted to sit, I felt that my senses were leaving me. The sentence—the dread sentence of death—was the last of distinct accentuation which reached my ears. After that, the sound of the inquisitorial voices seemed merged in one dreamy indeterminate hum. It conveyed to my soul the idea of *revolution*—perhaps from its association in fancy with the burr of a mill-wheel. This only for a brief period, for presently I heard no more. Yet, for a while, I saw—but with how terrible an exaggeration! I saw the lips of the black-robed judges. They appeared to me white—whiter than the sheet upon which I trace these words—and thin even to grotesqueness; thin with the intensity of their expression of firmness—of immovable resolution—of stern contempt of

human torture. I saw that the decrees of what to me was Fate were still issuing from those lips. I saw them writhe with a deadly locution. I saw them fashion the syllables of my name; and I shuddered because no sound succeeded. I saw, too, for a few moments of delirious horror, the soft and nearly imperceptible waving of the sable draperies which enwrapped the walls of the apartment. And then my vision fell upon the seven tall candles upon the table. At first they wore the aspect of charity, and seemed white slender angels who would save me; but then, all at once, there came a most deadly nausea over my spirit, and I felt every fibre in my frame thrill as if I had touched the wire of a galvanic battery, while the angel forms became meaningless spectres, with heads of flame, and I saw that from them there would be no help. And then there stole into my fancy, like a rich musical note, the thought of what sweet rest there must be in the grave. The thought came gently and stealthily, and it seemed long before it attained full appreciation; but just as my spirit came at length properly to feel and entertain it, the figures of the judges vanished, as if magically, from before me; the tall candles sank into nothingness; their flames went out utterly; the blackness of darkness supervened; all sensations appeared swallowed up in a mad rushing descent as of the soul into Hades. Then silence, and stillness, and night were the universe.

I had swooned; but still will not say that all of consciousness was lost. What of it there remained I will not attempt to define, or even to describe; yet all was not lost. In the deepest slumber—no! In delirium—no! In a swoon —no! In death—no! even in the grave all *is not* lost. Else there is no immortality for man. Arousing from the most profound of slumbers, we break the gossamer web of *some* dream. Yet in a second afterward, (so frail may that web have been) we remember not that we have dreamed. In the return to life from the swoon there are two stages: first, that of the sense of mental or spiritual; secondly, that of the sense of physical, existence. It seems probable that if, upon reaching the second stage, we could recall the impressions of the first, we should find these impressions eloquent in memories of the gulf beyond. And that gulf is—what? How at least shall we distinguish its shadows from those of the tomb? But if the impressions of what I have termed the first stage are not, at will, recalled, yet, after long interval, do they not come unbidden, while we marvel whence they come? He who has never swooned, is not he who finds strange palaces and wildly familiar faces in coals that glow; is not he who beholds floating in mid-air the sad visions that the many may not view; is not he who ponders over the perfume of some novel flower; is not he whose brain grows bewildered with the mean-

ing of some musical cadence which has never before arrested his attention.

Amid frequent and thoughtful endeavors to remember, amid earnest struggles to regather some token of the state of seeming nothingness into which my soul had lapsed, there have been moments when I have dreamed of success; there have been brief, very brief periods when I have conjured up remembrances which the lucid reason of a later epoch assures me could have had reference only to that condition of seeming unconsciousness. These shadows of memory tell, indistinctly, of tall figures that lifted and bore me in silence down—down—still down—till a hideous dizziness oppressed me at the mere idea of the interminableness of the descent. They tell also of a vague horror at my heart, on account of that heart's unnatural stillness. Then comes a sense of sudden motionlessness throughout all things; as if those who bore me (a ghastly train!) had outrun, in their descent, the limits of the limitless, and paused from the wearisomeness of their toil. After this I call to mind flatness and dampness; and then all is *madness*—the madness of a memory which busies itself among forbidden things.

Very suddenly there came back to my soul motion and sound—the tumultuous motion of the heart, and, in my ears, the sound of its beating. Then a pause in which all is blank. Then again sound, and motion, and touch—a

tingling sensation pervading my frame. Then the mere consciousness of existence, without thought—a condition which lasted long. Then, very suddenly, *thought*, and shuddering terror, and earnest endeavor to comprehend my true state. Then a strong desire to lapse into insensibility. Then a rushing revival of soul and a successful effort to move. And now a full memory of the trial, of the judges, of the sable draperies, of the sentence, of the sickness, of the swoon. Then entire forgetfulness of all that followed; of all that a later day and much earnestness of endeavor have enabled me vaguely to recall.

So far, I had not opened my eyes. I felt that I lay upon my back, unbound. I reached out my hand, and it fell heavily upon something damp and hard. There I suffered it to remain for many minutes, while I strove to imagine where and *what* I could be. I longed, dared not, to employ my vision. I dreaded the first glance at objects around me. It was not that I feared to look upon things horrible, but that I grew aghast lest there should be *nothing* to see. At length, with a wild desperation at heart, I quickly unclosed my eyes. My worst thoughts, then, were confirmed. The blackness of eternal night encompassed me. I struggled for breath. The intensity of the darkness seemed to oppress and stifle me. The atmosphere was intolerably close. I still lay quietly, and made effort to exercise my reason. I

brought to mind the inquisitorial proceedings, and attempted from that point to deduce my real condition. The sentence had passed; and it appeared to me that a very long interval of time had since elapsed. Yet not for a moment did I suppose myself actually dead. Such a supposition, notwithstanding what we read in fiction, is altogether inconsistent with real existence;—but where and in what state was I? The condemned to death, I knew, perished usually at the *auto-da-fés*, and one of these had been held on the very night of the day of my trial. Had I been remanded to my dungeon, to await the next sacrifice, which would not take place for many months? This I at once saw could not be. Victims had been in immediate demand. Moreover, my dungeon, as well as all the condemned cells at Toledo, had stone floors, and light was not altogether excluded.

A fearful idea now suddenly drove the blood in torrents upon my heart, and for a brief period I once more relapsed into insensibility. Upon recovering, I at once started to my feet, trembling convulsively in every fibre. I thrust my arms wildly above and around me in all directions. I felt nothing; yet dreaded to move a step, lest I should be impeded by the walls of a *tomb*. Perspiration burst from every pore, and stood in cold big beads upon my forehead. The agony of suspense grew at length intolerable, and I cautiously moved forward, with my arms extended, and my eyes straining from

their sockets in the hope of catching some faint ray of light. I proceeded for many paces; but still all was blackness and vacancy. I breathed more freely. It seemed evident that mine was not, at least, the most hideous of fates.

And now, as I still continued to step cautiously onward, there came thronging upon my recollection a thousand vague rumors of the horrors of Toledo. Of the dungeons there had been strange things narrated—fables I had always deemed them,—but yet strange, and too ghastly to repeat, save in a whisper. Was I left to perish of starvation in the subterranean world of darkness; or what fate, perhaps even more fearful, awaited me? That the result would be death, and a death of more than customary bitterness, I knew too well the character of my judges to doubt. The mode and the hour were all that occupied or distracted me.

My outstretched hands at length encountered some solid obstruction. It was a wall, seemingly of stone masonry—very smooth, slimy, and cold. I followed it up; stepping with all the careful distrust with which certain antique narratives had inspired me. This process, however, afforded me no means of ascertaining the dimensions of my dungeon, as I might make its circuit and return to the point whence I set out without being aware of the fact, so perfectly uniform seemed the wall. I therefore sought the knife which had been in my pocket when led into the inquisitorial chamber; but it was gone;

my clothes had been exchanged for a wrapper of coarse serge. I had thought of forcing the blade in some minute crevice of the masonry, so as to identify my point of departure. The difficulty, nevertheless, was but trivial; although, in the disorder of my fancy, it seemed at first insuperable. I tore a part of the hem from the robe and placed the fragment at full length, and at right angles to the wall. In groping my way around the prison, I could not fail to encounter this rag upon completing the circuit. So, at least, I thought; but I had not counted upon the extent of the dungeon, or upon my own weakness. The ground was moist and slippery. I staggered onward for some time, when I stumbled and fell. My excessive fatigue induced me to remain prostrate; and sleep soon overtook me as I lay.

Upon awaking, and stretching forth an arm, I found beside me a loaf and a pitcher with water. I was too much exhausted to reflect upon this circumstance, but ate and drank with avidity. Shortly afterward, I resumed my tour around the prison, and with much toil, came at last upon the fragment of the serge. Up to the period when I fell, I had counted fifty-two paces, and, upon resuming my walk, I had counted forty-eight more—when I arrived at the rag. There were in all, then, a hundred paces; and, admitting two paces to the yard, I presumed the dungeon to be fifty yards in circuit. I had met, however, with many angles

in the wall, and thus I could form no guess at the shape of the vault, for vault I could not help supposing it to be.

I had little object—certainly no hope—in these researches; but a vague curiosity prompted me to continue them. Quitting the wall, I resolved to cross the area of the enclosure. At first, I proceeded with extreme caution, for the floor, although seemingly of solid material, was treacherous with slime. At length, however, I took courage, and did not hesitate to step firmly—endeavoring to cross in as direct a line as possible. I had advanced some ten or twelve paces in this manner, when the remnant of the torn hem of my robe became entangled between my legs. I stepped on it, and fell violently on my face.

In the confusion attending my fall, I did not immediately apprehend a somewhat startling circumstance, which yet, in a few seconds afterward, and while I still lay prostrate, arrested my attention. It was this: my chin rested upon the floor of the prison, but my lips, and the upper portion of my head, although seemingly at a less elevation than the chin, touched nothing. At the same time, my forehead seemed bathed in a clammy vapor, and the peculiar smell of decayed fungus arose to my nostrils. I put forward my arm, and shuddered to find that I had fallen at the very brink of a circular pit, whose extent, of course, I had no means of ascertaining at the mo-

ment. Groping about the masonry just below the margin, I succeeded in dislodging a small fragment, and let it fall into the abyss. For many seconds I hearkened to its reverberations as it dashed against the sides of the chasm in its descent; at length, there was a sullen plunge into water, succeeded by loud echoes. At the same moment, there came a sound resembling the quick opening and as rapid closing of a door overhead, while a faint gleam of light flashed suddenly through the gloom, and as suddenly faded away.

I saw clearly the doom which had been prepared for me, and congratulated myself upon the timely accident by which I had escaped. Another step before my fall, and the world had seen me no more. And the death just avoided was of that very character which I had regarded as fabulous and frivolous in the tales respecting the Inquisition. To the victims of its tyranny, there was the choice of death with its direst physical agonies, or death with its most hideous moral horrors. I had been reserved for the latter. By long suffering my nerves had been unstrung, until I trembled at the sound of my own voice, and had become in every respect a fitting subject for the species of torture which awaited me.

Shaking in every limb, I groped my way back to the wall—resolving there to perish rather than risk the terrors of the wells, of which my imagination now pictured many in various posi-

tions about the dungeon. In other conditions of mind, I might have had courage to end my misery at once, by a plunge into one of these abysses; but now I was the veriest of cowards. Neither could I forget what I had read of these pits—that the *sudden* extinction of life formed no part of their most horrible plan.

Agitation of spirit kept me awake for many long hours, but at length I again slumbered. Upon arousing, I found by my side, as before, a loaf and a pitcher of water. A burning thirst consumed me, and I emptied the vessel at a draught. It must have been drugged—for scarcely had I drunk, before I became irresistibly drowsy. A deep sleep fell upon me—a sleep like that of death. How long it lasted, of course I know not; but when, once again, I unclosed my eyes, the objects around me were visible. By a wild, sulphurous lustre, the origin of which I could not at first determine, I was enabled to see the extent and aspect of the prison.

In its size I had been greatly mistaken. The whole circuit of its walls did not exceed twenty-five yards. For some minutes this fact occasioned me a world of vain trouble; vain indeed—for what could be of less importance, under the terrible circumstances which environed me, than the mere dimensions of my dungeon? But my soul took a wild interest in trifles, and I busied myself in endeavors to account for the error I had committed in my

measurement. The truth at length flashed upon me. In my first attempt at exploration I had counted fifty-two paces, up to the period when I fell: I must then have been within a pace or two of the fragment of serge; in fact, I had nearly performed the circuit of the vault. I then slept—and, upon awaking, I must have returned upon my steps—thus supposing the circuit nearly double what it actually was. My confusion of mind prevented me from observing that I began my tour with the wall to the left, and ended it with the wall to the right.

I had been deceived, too, in respect to the shape of the enclosure. In feeling my way I had found many angles, and thus deduced an idea of great irregularity; so potent is the effect of total darkness upon one arousing from lethargy or sleep! The angles were simply those of a few slight depressions, or niches, at odd intervals. The general shape of the prison was square. What I had taken for masonry seemed now to be iron, or some other metal, in huge plates, whose sutures or joints occasioned the depression. The entire surface of this metallic enclosure was rudely daubed in all the hideous and repulsive devices to which the charnel superstition of the monks has given rise. The figures of fiends in aspects of menace, with skeleton forms, and other more really fearful images, overspread and distigured the walls. I observed that the outlines of these monstrosities were sufficiently distinct, but that the colors

seemed faded and blurred, as if from the effects of a damp atmosphere. I now noticed the floor, too, which was of stone. In the centre yawned the circular pit from whose jaws I had escaped; but it was the only one in the dungeon.

All this I saw indistinctly and by much effort—for my personal condition had been greatly changed during slumber. I now lay upon my back, and at full length, on a species of low framework of wood. To this I was securely bound by a long strap resembling a surcingle. It passed in many convolutions about my limbs and body, leaving at liberty only my head, and my left arm to such an extent, that I could, by dint of much exertion, supply myself with food from an earthen dish which lay by my side on the floor. I saw, to my horror, that the pitcher had been removed. I say to my horror—for I was consumed with intolerable thirst. This thirst it appeared to be the design of my persecutors to stimulate—for the food in the dish was meat pungently seasoned.

Looking upward, I surveyed the ceiling of my prison. It was some thirty or forty feet overhead, and constructed much as the side walls. In one of its panels a very singular figure riveted my whole attention. It was the painted figure of Time as he is commonly represented, save that, in lieu of a scythe, he held what, at a casual glance, I supposed to be the pictured image of a huge pendulum, such as we

see on antique clocks. There was something, however, in the appearance of this machine which caused me to regard it more attentively. While I gazed directly upward at it (for its position was immediately over my own) I fancied that I saw it in motion. In an instant afterward the fancy was confirmed. Its sweep was brief, and of course slow. I watched it for some minutes somewhat in fear, but more in wonder. Wearied at length with observing its dull movement, I turned my eyes upon the other objects in the cell.

A slight noise attracted my notice, and, looking to the floor, I saw several enormous rats traversing it. They had issued from the well which lay just within view to my right. Even then, while I gazed, they came up in troops, hurriedly, with ravenous eyes, allured by the scent of the meat. From this it required much effort and attention to scare them away.

It might have been half an hour, perhaps, even an hour (for I could take but imperfect note of time), before I again cast my eyes upward. What I then saw confounded and amazed me. The sweep of the pendulum had increased in extent by nearly a yard. As a natural consequence its velocity was also much greater. But what mainly disturbed me was the idea that it had perceptibly *descended*. I now observed — with what horror it is needless to say — that its nether extremity was formed of a crescent of glittering steel, about a foot in

length from horn to horn; the horns upward, and the under edge evidently as keen as that of a razor. Like a razor also, it seemed massy and heavy, tapering from the edge into a solid and broad structure above. It was appended to a weighty rod of brass, and the whole *hissed* as it swung through the air.

I could no longer doubt the doom prepared for me by monkish ingenuity in torture. My cognizance of the pit had become known to the inquisitorial agents—*the pit,* whose horrors had been destined for so bold a recusant as myself —*the pit,* typical of hell and regarded by rumor as the Ultima Thule of all their punishments. The plunge into this pit I had avoided by the merest of accidents, and I knew that surprise, or entrapment into torment, formed an important portion of all the grotesquerie of these dungeon deaths. Having failed to fall, it was no part of the demon plan to hurl me into the abyss, and thus (there being no alternative) a different and a milder destruction awaited me. Milder! I half smiled in my agony as I thought of such application of such a term.

What boots it to tell of the long, long hours of horror more than mortal, during which I counted the rushing oscillations of the steel! Inch by inch—line by line—with a descent only appreciable at intervals that seemed ages —down and still down it came! Days passed —it might have been that many days passed

—ere it swept so closely over me as to fan me with its acrid breath. The odor of the sharp steel forced itself into my nostrils. I prayed—I wearied heaven with my prayer for its more speedy descent. I grew frantically mad, and struggled to force myself upward against the sweep of the fearful scimitar. And then I fell suddenly calm, and lay smiling at the glittering death, as a child at some rare bauble.

There was another interval of utter insensibility; it was brief; for, upon again lapsing into life, there had been no perceptible descent in the pendulum. But it might have been long—for I knew there were demons who took note of my swoon, and who could have arrested the vibration at pleasure. Upon my recovery, too, I felt very—oh! inexpressibly—sick and weak, as if through long inanition. Even amid the agonies of that period, the human nature craved food. With painful effort I outstretched my left arm as far as my bonds permitted, and took possession of the small remnant which had been spared me by the rats. As I put a portion of it within my lips, there rushed to my mind a half-formed thought of joy- of hope. Yet what business had *I* with hope? It was, as I say, a half-formed thought—man has many such, which are never completed. I felt that it was of joy—of hope; but I felt also that it had perished in its formation. In vain I struggled to perfect—to regain it. Long suffering had

nearly annihilated all my ordinary powers of mind. I was an imbecile—an idiot.

The vibration of the pendulum was at right angles to my length. I saw that the crescent was designed to cross the region of the heart. It would fray the serge of my robe—it would return and repeat its operations—again—and again. Notwithstanding its terrifically wide sweep (some thirty feet or more), and the hissing vigor of its descent, sufficient to sunder these very walls of iron, still the fraying of my robe would be all that, for several minutes, it would accomplish. And at this thought I paused. I dared not go further than this reflection. I dwelt upon it with a pertinacity of attention—as if, in so dwelling, I could arrest *here* the descent of the steel. I forced myself to ponder upon the sound of the crescent as it should pass across the garment—upon the peculiar thrilling sensation which the friction of cloth produces on the nerves. I pondered upon all this frivolity until my teeth were on edge.

Down—steadily down it crept. I took a frenzied pleasure in contrasting its downward with its lateral velocity. To the right—to the left—far and wide—with the shriek of a damned spirit! to my heart, with the stealthy pace of the tiger! I alternately laughed and howled, as the one or the other idea grew predominant.

Down—certainly, relentlessly down! It vibrated within three inches of my bosom! I struggled violently—furiously—to free my left

arm. This was free only from the elbow to the hand. I could reach the latter, from the platter beside me, to my mouth, with great effort, but no farther. Could I have broken the fastenings above the elbow, I would have seized and attempted to arrest the pendulum. I might as well have attempted to arrest an avalanche!

Down — still unceasingly — still inevitably down! I gasped and struggled at each vibration. I shrunk convulsively at its every sweep. My eyes followed its outward or upward whorls with the eagerness of the most unmeaning despair; they closed themselves spasmodically at the descent, although death would have been a relief, oh, how unspeakable! Still I quivered in every nerve to think how slight a sinking of the machinery would precipitate that keen, glistening axe upon my bosom. It was *hope* that prompted the nerve to quiver — the frame to shrink. It was *hope* — the hope that triumphs on the rack — that whispers to the death-condemned even in the dungeons of the Inquisition.

I saw that some ten or twelve vibrations would bring the steel in actual contact with my robe — and with this observation there suddenly came over my spirit all the keen, collected calmness of despair. For the first time during many hours — or perhaps days — I *thought*. It now occurred to me, that the bandage, or surcingle, which enveloped me, was *unique*. I was tied by no separate cord. The first stroke of

the razor-like crescent athwart any portion of the band would so detach it that it might be unwound from my person by means of my left hand. But how fearful, in that case, the proximity of the steel! The result of the slightest struggle, how deadly! Was it likely, moreover, that the minions of the torturer had not foreseen and provided for this possibility? Was it probable that the bandage crossed my bosom in the track of the pendulum? Dreading to find my faint and, as it seemed, my last hope frustrated, I so far elevated my head as to obtain a distinct view of my breast. The surcingle enveloped my limbs and body close in all directions—*save in the path of the destroying crescent.*

Scarcely had I dropped my head back into its original position, when there flashed upon my mind what I cannot better describe than as the unformed half of that idea of deliverance to which I have previously alluded, and of which a moiety only floated indeterminately through my brain when I raised food to my burning lips. The whole thought was now present—feeble, scarcely sane, scarcely definite—but still entire. I proceeded at once, with the nervous energy of despair, to attempt its execution.

For many hours the immediate vicinity of the low framework upon which I lay had been literally swarming with rats. They were wild, bold, ravenous—their red eyes glaring upon me

as if they waited but for motionlessness on my part to make me their prey. "To what food," I thought, "have they been accustomed in the well?"

They had devoured, in spite of all my efforts to prevent them, all but a small remnant of the contents of the dish. I had fallen into an habitual see-saw or wave of the hand about the platter; and, at length, the unconscious uniformity of the movement deprived it of effect. In their voracity, the vermin frequently fastened their sharp fangs in my fingers. With the particles of the oily and spicy viand which now remained, I thoroughly rubbed the bandage wherever I could reach it; then, raising my hand from the floor, I lay breathlessly still.

At first, the ravenous animals were startled and terrified at the change—at the cessation of movement. They shrank alarmedly back; many sought the well. But this was only for a moment. I had not counted in vain upon their voracity. Observing that I remained without motion, one or two of the boldest leaped upon the framework, and smelt at the sureingle. This seemed the signal for a general rush. Forth from the well they hurried in fresh troops. They clung to the wood—they overran it, and leaped in hundreds upon my person. The measured movement of the pendulum disturbed them not at all. Avoiding its strokes, they busied themselves with the anointed bandage. They pressed—they swarmed upon me in ever

accumulating heaps. They writhed upon my throat; their cold lips sought my own; I was half stifled by their thronging pressure; disgust, for which the world has no name, swelled my bosom, and chilled, with a heavy clamminess, my heart. Yet one minute, and I felt that the struggle would be over. Plainly I perceived the loosening of the bandage. I knew that in more than one place it must be already severed. With a more than human resolution I lay *still*.

Nor had I erred in my calculations—nor had I endured in vain. I at length felt that I was *free*. The surcingle hung in ribands from my body. But the stroke of the pendulum already pressed upon my bosom. It had divided the serge of the robe. It had cut through the linen beneath. Twice again it swung, and a sharp sense of pain shot through every nerve. But the moment of escape had arrived. At a wave of my hand my deliverers hurried tumultuously away. With a steady movement—cautious, sidelong, shrinking, and slow—I slid from the embrace of the bandage and beyond the reach of the scimitar. For the moment, at least, *I was free*.

Free!—and in the grasp of the Inquisition! I had scarcely stepped from my wooden bed of horror upon the stone floor of the prison, when the motion of the hellish machine ceased, and I beheld it drawn up, by some invisible force, through the ceiling. This was a lesson which I took desperately to heart. My every motion

was undoubtedly watched. Free!—I had but escaped death in one form of agony, to be delivered unto worse than death in some other. With that thought I rolled my eyes nervously around on the barriers of iron that hemmed me in. Something unusual—some change which, at first, I could not appreciate distinctly—it was obvious, had taken place in the apartment. For many minutes of a dreamy and trembling abstraction, I busied myself in vain, unconnected conjecture. During this period, I became aware, for the first time, of the origin of the sulphurous light which illumined the cell. It proceeded from a fissure, about half an inch in width, extending entirely around the prison at the base of the walls, which thus appeared, and were completely separated from the floor. I endeavored, but of course in vain, to look through the aperture.

As I arose from the attempt, the mystery of the alteration in the chamber broke at once upon my understanding. I have observed that, although the outlines of the figures upon the walls were sufficiently distinct, yet the colors seemed blurred and indefinite. These colors had now assumed, and were momentarily assuming, a startling and most intense brilliancy, that gave to the spectral and fiendish portraitures an aspect that might have thrilled even firmer nerves than my own. Demon eyes, of a wild and ghastly vivacity, glared upon me in a thousand directions, where none had been visible before,

and gleamed with the lurid lustre of a fire that I could not force my imagination to regard as unreal.

Unreal!—even while I breathed there came to my nostrils the breath of the vapor of heated iron! A suffocating odor pervaded the prison! A deeper glow settled each moment in the eyes that glared at my agonies! A richer tint of crimson diffused itself over the pictured horrors of blood. I panted! I gasped for breath! There could be no doubt of the design of my tormentors—oh! most unrelenting! oh! most demoniac of men! I shrank from the glowing metal to the centre of the cell. Amid the thought of the fiery destruction that impended, the idea of the coolness of the well came over my soul like balm. I rushed to its deadly brink. I threw my straining vision below. The glare from the enkindled roof illumined its inmost recesses. Yet, for a wild moment, did my spirit refuse to comprehend the meaning of what I saw. At length it forced—it wrestled its way into my soul—it burned itself in upon my shuddering reason. Oh! for a voice to speak! —oh! horror!—oh! any horror but this! With a shriek, I rushed from the margin, and buried my face in my hands—weeping bitterly.

The heat rapidly increased, and once again I looked up, shuddering as with a fit of the ague. There had been a second change in the cell—and now the change was obviously in the *form*. As before, it was in vain that I at first

endeavored to appreciate or understand what was taking place. But not long was I left in doubt. The Inquisitorial vengeance had been hurried by my two-fold escape, and there was to be no more dallying with the King of Terrors. The room had been square. I saw that two of its iron angles were now acute—two, consequently, obtuse. The fearful difference quickly increased with a low rumbling or moaning sound. In an instant the apartment had shifted its form into that of a lozenge. But the alteration stopped not here—I neither hoped nor desired it to stop. I could have clasped the red walls to my bosom as a garment of eternal peace. "Death," I said, "any death but that of the pit!" Fool! might I not have known that *into the pit* it was the object of the burning iron to urge me? Could I resist its glow? or if even that, could I withstand its pressure? And now, flatter and flatter grew the lozenge, with a rapidity that left me no time for contemplation. Its centre, and of course its greatest width, came just over the yawning gulf. I shrank back—but the closing walls pressed me resistlessly onward. At length for my seared and writhing body there was no longer an inch of foothold on the firm floor of the prison. I struggled no more, but the agony of my soul found vent in one loud, long, and final scream of despair. I felt that I tottered upon the brink—I averted my eyes—

There was a discordant hum of human

voices! There was a loud blast as of many trumpets ! There was a harsh grating as of a thousand thunders! The fiery walls rushed back! An outstretched arm caught my own as I fell, fainting, into the abyss. It was that of General Lasalle. The French army had entered Toledo. The Inquisition was in the hands of its enemies.

THE PREMATURE BURIAL.

THERE are certain themes of which the interest is all-absorbing, but which are too entirely horrible for the purposes of legitimate fiction. These the mere romanticist must eschew, if he do not wish to offend, or to disgust. They are with propriety handled only when the severity and majesty of truth sanctify and sustain them. We thrill, for example, with the most intense of "pleasurable pain" over the accounts of the Passage of the Beresina, of the Earthquake at Lisbon, of the Plague at London, of the Massacre of St. Bartholomew, or of the stifling of the hundred and twenty-three prisoners in the Black Hole at Calcutta. But, in these accounts, it is the fact—it is the reality—it is the history which excites. As inventions, we should regard them with simple abhorrence.

I have mentioned some few of the more prominent and august calamities on record; but in these it is the extent, not less than the character of the calamity, which so vividly impresses the fancy. I need not remind the reader that, from the long and weird catalogue of human miseries, I might have selected many individual

instances more replete with essential suffering than any of these vast generalities of disaster. The true wretchedness, indeed,—the ultimate woe,—is particular, not diffuse. That the ghastly extremes of agony are endured by man the unit, and never by man the mass—for this let us thank a merciful God!

To be buried while alive is, beyond question, the most terrific of these extremes which has ever fallen to the lot of mere mortality. That it has frequently, very frequently, so fallen will scarcely be denied by those who think. The boundaries which divide Life from Death are at best shadowy and vague. Who shall say where the one ends, and where the other begins? We know that there are diseases in which occur total cessations of all the apparent functions of vitality, and yet in which these cessations are merely suspensions, properly so called. They are only temporary pauses in the incomprehensible mechanism. A certain period elapses, and some unseen mysterious principle again sets in motion the magic pinions and the wizard wheels. The silver cord was not for ever loosed, nor the golden bowl irreparably broken. But where, meantime, was the soul?

Apart, however, from the inevitable conclusion, *a priori* that such causes must produce such effects,—that the well-known occurrence of such cases of suspended animation must naturally give rise, now and then, to premature interments,—apart from this consideration, we

have the direct testimony of medical and ordinary experience to prove that a vast number of such interments have actually taken place. I might refer at once, if necessary, to a hundred well-authenticated instances. One of very remarkable character, and of which the circumstances may be fresh in the memory of some of my readers, occurred, not very long ago, in the neighboring city of Baltimore, where it occasioned a painful, intense, and widely-extended excitement. The wife of one of the most respectable citizens—a lawyer of eminence and a member of Congress—was seized with a sudden and unaccountable illness, which completely baffled the skill of her physicians. After much suffering she died, or was supposed to die. No one suspected, indeed, or had reason to suspect, that she was not actually dead. She presented all the ordinary appearances of death. The face assumed the usual pinched and sunken outline. The lips were of the usual marble pallor. The eyes were lustreless. There was no warmth. Pulsation had ceased. For three days the body was preserved unburied, during which it had acquired a stony rigidity. The funeral, in short, was hastened, on account of the rapid advance of what was supposed to be decomposition.

The lady was deposited in her family vault, which, for three subsequent years, was undisturbed. At the expiration of this term it was opened for the reception of a sarcophagus;—

but, alas! how fearful a shock awaited the husband, who, personally, threw open the door! As its portals swung outwardly back, some white-apparelled object fell rattling within his arms. It was the skeleton of his wife in her yet unmoulded shroud.

A careful investigation rendered it evident that she had revived within two days after her entombment; that her struggles within the coffin had caused it to fall from a ledge, or shelf to the floor, where it was so broken as to permit her escape. A lamp which had been accidentally left, full of oil, within the tomb, was found empty; it might have been exhausted, however, by evaporation. On the uppermost of the steps which led down into the dread chamber was a large fragment of the coffin, with which, it seemed, that she had endeavored to arrest attention by striking the iron door. While thus occupied, she probably swooned, or possibly died, through sheer terror; and, in falling, her shroud became entangled in some iron-work which projected interiorly. Thus she remained, and thus she rotted, erect.

In the year 1810, a case of living inhumation happened in France, attended with circumstances which go far to warrant the assertion that truth is, indeed, stranger than fiction. The heroine of the story was a Mademoiselle Victorine Lafourcade, a young girl of illustrious family, of wealth, and of great personal beauty. Among her numerous suitors was Julien Bos-

suet, a poor *litterateur*, or journalist of Paris. His talents and general amiability had recommended him to the notice of the heiress, by whom he seems to have been truly beloved; but her pride of birth decided her, finally, to reject him, and to wed a Monsieur Renelle, a banker and a diplomatist of some eminence. After marriage, however, this gentleman neglected, and, perhaps, even more positively ill-treated her. Having passed with him some wretched years, she died—at least her condition so closely resembled death as to deceive every one who saw her. She was buried—not in a vault, but in an ordinary grave in the village of her nativity. Filled with despair, and still inflamed by the memory of a profound attachment, the lover journeys from the capital to the remote province in which the village lies, with the romantic purpose of disinterring the corpse, and possessing himself of its luxuriant tresses. He reaches the grave. At midnight he unearths the coffin, opens it, and is in the act of detaching the hair, when he is arrested by the unclosing of the beloved eyes. In fact, the lady had been buried alive. Vitality had not altogether departed, and she was aroused by the caresses of her lover from the lethargy which had been mistaken for death. He bore her frantically to his lodgings in the village. He employed certain powerful restoratives suggested by no little medical learning. In fine, she revived. She recognized her preserver.

She remained with him until, by slow degrees, she fully recovered her original health. Her woman's heart was not adamant, and this last lesson of love sufficed to soften it. She bestowed it upon Bossuet. She returned no more to her husband, but, concealing from him her resurrection, fled with her lover to America. Twenty years afterward, the two returned to France, in the persuasion that time had so greatly altered the lady's appearance that her friends would be unable to recognize her. They were mistaken, however; for, at the first meeting, Monsieur Renelle did actually recognize and make claim to his wife. This claim she resisted, and a judicial tribunal sustained her in her resistance, deciding that the peculiar circumstances, with the long lapse of years, had extinguished, not only equitably, but legally, the authority of the husband.

The *Chirurgical Journal* of Leipsic, a periodical of high authority and merit, which some American book-seller would do well to translate and republish, records in a late number a very distressing event of the character in question.

An officer of artillery, a man of gigantic stature and of robust health, being thrown from an unmanageable horse, received a very severe contusion upon the head, which rendered him insensible at once; the skull was slightly fractured, but no immediate danger was apprehended. Trepanning was accomplished suc-

cessfully. He was bled, and many other of the ordinary means of relief were adopted. Gradually, however, he fell into a more and more hopeless state of stupor, and, finally, it was thought that he died.

The weather was warm, and he was buried with indecent haste in one of the public cemeteries. His funeral took place on Thursday. On the Sunday following, the grounds of the cemetery were, as usual, much thronged with visitors, and about noon an intense excitement was created by the declaration of a peasant that, while sitting upon the grave of the officer, he had distinctly felt a commotion of the earth, as if occasioned by some one struggling beneath. At first little attention was paid to the man's asseveration; but his evident terror, and the dogged obstinacy with which he persisted in his story, had at length their natural effect upon the crowd. Spades were hurriedly procured, and the grave, which was shamefully shallow, was in a few minutes so far thrown open that the head of its occupant appeared. He was then seemingly dead; but he sat nearly erect within his coffin, the lid of which, in his furious struggles, he had partially uplifted.

He was forthwith conveyed to the nearest hospital, and there pronounced to be still living, although in an asphytic condition. After some hours he revived, recognized individuals of his acquaintance, and, in broken sentences spoke of his agonies in the grave.

From what he related, it was clear that he must have been conscious of life for more than an hour, while inhumed, before lapsing into insensibility. The grave was carelessly and loosely filled with an exceedingly porous soil; and thus some air was necessarily admitted. He heard the footsteps of the crowd overhead, and endeavored to make himself heard in turn. It was the tumult within the grounds of the cemetery, he said, which appeared to awaken him from a deep sleep, but no sooner was he awake than he became fully aware of the awful horrors of his position.

This patient, it is recorded, was doing well, and seemed to be in a fair way of ultimate recovery, but fell a victim to the quackeries of medical experiment. The galvanic battery was applied, and he suddenly expired in one of those ecstatic paroxysms which, occasionally, it superinduces.

The mention of the galvanic battery, nevertheless, recalls to my memory a well-known and very extraordinary case in point, where its action proved the means of restoring to animation a young attorney of London, who had been interred for two days. This occurred in 1831, and created, at the time, a very profound sensation wherever it was made the subject of converse.

The patient, Mr. Edward Stapleton, had died, apparently, of typhus fever, accompanied with some anomalous symptoms which had ex-

cited the curiosity of his medical attendants. Upon his seeming decease, his friends were requested to sanction a *post-mortem* examination, but declined to permit it. As often happens, when such refusals are made, the practitioners resolved to disinter the body and dissect it at leisure, in private. Arrangements were easily effected with some of the numerous corps of body-snatchers with which London abounds; and, upon the third night after the funeral, the supposed corpse was unearthed from a grave eight feet deep, and deposited in the operating chamber of one of the private hospitals.

An incision of some extent had been actually made in the abdomen, when the fresh and undecayed appearance of the subject suggested an application of the battery. One experiment succeeded another, and the customary effects supervened, with nothing to characterize them in any respect, except, upon one or two occasions, a more than ordinary degree of life-likeness in the convulsive action.

It grew late. The day was about to dawn; and it was thought expedient, at length, to proceed at once to the dissection. A student, however, was especially desirous of testing a theory of his own, and insisted upon applying the battery to one of the pectoral muscles. A rough gash was made, and a wire hastily brought in contact; when the patient, with a hurried but quite unconvulsive movement, arose from the table, stepped into the middle of the floor,

gazed about him uneasily for a few seconds, and then—spoke. What he said was unintelligible; but words were uttered; the syllabification was distinct. Having spoken, he fell heavily to the floor.

For some moments all were paralyzed with awe—but the urgency of the case soon restored them their presence of mind. It was seen that Mr. Stapleton was alive, although in a swoon. Upon exhibition of ether he revived and was rapidly restored to health, and to the society of his friends—from whom, however, all knowledge of his resuscitation was withheld, until a relapse was no longer to be apprehended. Their wonder—their rapturous astonishment—may be conceived.

The most thrilling peculiarity of this incident, nevertheless, is involved in what Mr. S. himself asserts. He declares that at no period was he altogether insensible—that, dully and confusedly, he was aware of everything which happened to him, from the moment in which he was pronounced *dead* by his physicians, to that in which he fell swooning to the floor of the hospital. "I am alive," were the uncomprehended words which, upon recognizing the locality of the dissecting-room, he had endeavored, in his extremity, to utter.

It were an easy matter to multiply such histories as these—but I forbear—for, indeed, we have no need of such to establish the fact that premature interments occur. When we reflect

how very rarely, from the nature of the case, we have it in our power to detect them, we must admit that they may *frequently* occur without our cognizance. Scarcely, in truth, is a graveyard ever encroached upon, for any purpose, to any great extent, that skeletons are not found in postures which suggest the most fearful of suspicions.

Fearful indeed the suspicion—but more fearful the doom! It may be asserted, without hesitation, that *no* event is so terribly well adapted to inspire the supremeness of bodily and of mental distress, as is burial before death. The unendurable oppression of the lungs—the stifling fumes of the damp earth—the clinging to the death garments—the rigid embrace of the narrow house—the blackness of the absolute Night—the silence like a sea that overwhelms—the unseen but palpable presence of the Conqueror Worm—these things, with the thoughts of the air and grass above, with memory of dear friends who would fly to save us if but informed of our fate, and with consciousness that of this fate they can *never* be informed—that our hopeless portion is that of the really dead—these considerations, I say, carry into the heart, which still palpitates, a degree of appalling and intolerable horror from which the most daring imagination must recoil. We know of nothing so agonizing upon Earth—we can dream of nothing half so hideous in the realms of the nethermost Hell. And thus all narratives upon

this topic have an interest profound; an interest, nevertheless, which, through the sacred awe of the topic itself, very properly and very peculiarly depends upon our conviction of the *truth* of the matter narrated. What I have now to tell is of my own actual knowledge—of my own positive and personal experience.

For several years I had been subject to attacks of the singular disorder which physicians have agreed to term catalepsy, in default of a more definitive title. Although both the immediate and the predisposing causes, and even the actual diagnosis, of this disease are still mysterious, its obvious and apparent character is sufficiently well understood. Its variations seem to be chiefly of degree. Sometimes the patient lies, for a day only, or even for a shorter period, in a species of exaggerated lethargy. He is senseless and externally motionless; but the pulsation of the heart is still faintly perceptible; some traces of warmth remain; a slight color lingers within the centre of the cheek; and, upon application of a mirror to the lips, we can detect a torpid, unequal, and vacillating action of the lungs. Then again the duration of the trance is for weeks—even for months; while the closest scrutiny, and the most rigorous medical tests, fail to establish any material distinction between the state of the sufferer and what we conceive of absolute death. Very usually he is saved from premature interment solely by the knowledge of his

friends that he has been previously subject to catalepsy, by the consequent suspicion excited, and, above all, by the non-appearance of decay. The advances of the malady are, luckily, gradual. The first manifestations, although marked, are unequivocal. The fits grow successively more and more distinctive, and endure each for a longer term than the preceding. In this lies the principal security from inhumation. The unfortunate whose *first* attack should be of the extreme character which is occasionally seen, would almost inevitably be consigned alive to the tomb.

My own case differed in no important particular from those mentioned in medical books. Sometimes, without any apparent cause, I sank, little by little, into a condition of semi-syncope, or half swoon; and, in this condition, without pain, without ability to stir, or, strictly speaking, to think, but with a dull lethargic consciousness of life and of the presence of those who surrounded my bed, I remained, until the crisis of the disease restored me, suddenly, to perfect sensation. At other times I was quickly and impetuously smitten. I grew sick, and numb, and chilly, and dizzy, and so fell prostrate at once. Then, for weeks, all was void, and black, and silent, and Nothing became the universe. Total annihilation could be no more. From these latter attacks I awoke, however, with a gradation slow in proportion to the suddenness of the seizure. Just as the day dawns

to the friendless and houseless beggar who roams the streets throughout the long desolate winter night—just so tardily—just so wearily —just so cheerily came back the light of the Soul to me.

Apart from the tendency to trance, however, my general health appeared to be good; nor could I perceive that it was at all affected by the one prevalent malady—unless, indeed, an idiosyncrasy in my ordinary *sleep* may be looked upon as superinduced. Upon awaking from slumber, I could never gain, at once, thorough possession of my senses, and always remained, for many minutes, in much bewilderment and perplexity—the mental faculties in general, but the memory in especial, being in a condition of absolute abeyance.

In all that I endured there was no physical suffering, but of moral distress an infinitude. My fancy grew charnel. I talked "of worms, of tombs, and epitaphs." I was lost in reveries of death, and the idea of premature burial held continual possession of my brain. The ghastly Danger to which I was subjected haunted me day and night. In the former, the torture of meditation was excessive; in the latter, supreme. When the grim Darkness overspread the Earth, then, with every horror of thought, I shook—shook as the quivering plumes upon the hearse. When Nature could endure wakefulness no longer, it was with a struggle that I consented to sleep—for I shuddered to reflect

that, upon awaking, I might find myself the tenant of a grave. And when, finally, I sank into slumber, it was only to rush at once into a world of phantasms, above which, with vast, sable, overshadowing wings, hovered, predominant, the one sepulchral Idea.

From the innumerable images of gloom which thus oppressed me in dreams, I select for record but a solitary vision. Methought I was immersed in a cataleptic trance of more than usual duration and profundity. Suddenly there came an icy hand upon my forehead, and an impatient, gibbering voice whispered the word "Arise!" within my ear.

I sat erect. The darkness was total. I could not see the figure of him who had aroused me. I could call to mind neither the period at which I had fallen into the trance, nor the locality in which I then lay. While I remained motionless, and busied in endeavors to collect my thought, the cold hand grasped me fiercely by the wrist, shaking it petulantly, while the gibbering voice said again:

"Arise! did I not bid thee arise?"

"And who," I demanded, "art thou?"

"I have no name in the regions which I inhabit," replied the voice, mournfully; "I was mortal, but am fiend. I was merciless, but am pitiful. Thou dost feel that I shudder. My teeth chatter as I speak, yet it is not with the chilliness of the night—of the night without end. But this hideousness is insufferable.

How canst *thou* tranquilly sleep? I cannot rest for the cry of these great agonies. These sights are more than I can bear. Get thee up! Come with me into the outer Night, and let me unfold to thee the graves. Is not this a spectacle of woe?—Behold!"

I looked; and the unseen figure, which still grasped me by the wrist, had caused to be thrown open the graves of all mankind; and from each issued the faint phosphoric radiance of decay; so that I could see into the innermost recesses, and there view the shrouded bodies in their sad and solemn slumbers with the worm. But alas! the real sleepers were fewer, by many millions, than those who slumbered not at all; and there was a feeble struggling; and there was a general and sad unrest; and from out the depths of the countless pits there came a melancholy rustling from the garments of the buried. And of those who seemed tranquilly to repose, I saw that a vast number had changed, in a greater or less degree, the rigid and uneasy position in which they had originally been entombed. And the voice again said to me as I gazed:

"Is it not—oh! is it *not* a pitiful sight?" But, before I could find words to reply, the figure had ceased to grasp my wrist, the phosphoric lights expired, and the graves were closed with a sudden violence, while from out them arose a tumult of despairing cries, saying again:

"Is it not—O, God, is it *not* a very pitiful sight?"

Phantasies such as these, presenting themselves at night, extended their terrific influence far into my waking hours. My nerves became thoroughly unstrung, and I fell a prey to perpetual horror. I hesitated to ride, or to walk, or to indulge in any exercise that would carry me from home. In fact, I no longer dared trust myself out of the immediate presence of those who were aware of my proneness to catalepsy, lest, falling into one of my usual fits, I should be buried before my real condition could be ascertained. I doubted the care, the fidelity of my dearest friends. I dreaded that, in some trance of more than customary duration, they might be prevailed upon to regard me as irrecoverable. I even went so far as to fear that, as I occasioned much trouble, they might be glad to consider any very protracted attack as sufficient excuse for getting rid of me altogether. It was in vain they endeavored to reassure me by the most solemn promises. I exacted the most sacred oaths, that under no circumstances they would bury me until decomposition had so materially advanced as to render further preservation impossible. And, even then, my mortal terrors would listen to no reason—would accept no consolation. I entered into a series of elaborate precautions. Among other things, I had the family vault so remodelled as to admit of being readily opened

from within. The slightest pressure upon a long lever that extended far into the tomb would cause the iron portals to fly back. There were arrangements also for the free admission of air and light, and convenient receptacles for food and water, within immediate reach of the coffin intended for my reception. This coffin was warmly and softly padded, and was provided with a lid, fashioned upon the principle of the vault-door, with the addition of springs so contrived that the feeblest movement of the body would be sufficient to set it at liberty. Besides all this, there was suspended from the roof of the tomb, a large bell, the rope of which, it was designed, should extend through a hole in the coffin, and so be fastened to one of the hands of the corpse. But, alas! what avails the vigilance against the Destiny of man? Not even these well-contrived securities sufficed to save from the uttermost agonies of living inhumation, a wretch to these agonies foredoomed!

There arrived an epoch—as often before there had arrived—in which I found myself emerging from total unconsciousness into the first feeble and indefinite sense of existence. Slowly—with a tortoise gradation—approached the faint gray dawn of the psychal day. A torpid uneasiness. An apathetic endurance of dull pain. No care—no hope—no effort. Then, after a long interval, a ringing in the ears; then, after a lapse still longer, a prickling or

tingling sensation in the extremities; then a seemingly eternal period of pleasurable quiescence, during which the awakening feelings are struggling into thought; then a brief re-sinking into nonentity; then a sudden recovery. At length the slight quivering of an eyelid, and immediately thereupon, an electric shock of a terror, deadly and indefinite, which sends the blood in torrents from the temples to the heart. And now the first positive effort to think. And now the first endeavor to remember. And now a partial and evanescent success. And now the memory has so far regained its dominion, that, in some measure, I am cognizant of my state. I feel that I am not awaking from ordinary sleep. I recollect that I have been subject to catalepsy. And now, at last, as if by the rush of an ocean, my shuddering spirit is overwhelmed by the one grim Danger—by the one spectral and ever-prevalent idea.

For some minutes after this fancy possessed me, I remained without motion. And why? I could not summon courage to move. I dared not make the effort which was to satisfy me of my fate—and yet there was something at my heart which whispered me *it was sure*. Despair—such as no other species of wretchedness ever calls into being—despair alone urged me, after long irresolution, to uplift the heavy lids of my eyes. I uplifted them. It was dark—all dark. I knew that the fit was over. I knew that the crisis of my disorder had long passed.

I knew that I had now fully recovered the use of my visual faculties—and yet it was dark—all dark—the intense and utter raylessness of the Night that endureth for evermore.

I endeavored to shriek; and my lips and my parched tongue moved convulsively together in the attempt—but no voice issued from the cavernous lungs, which, oppressed as if by the weight of some incumbent mountain, gasped and palpitated, with the heart, at every elaborate and struggling inspiration.

The movement of the jaws, in this effort to cry aloud, showed me that they were bound up, as is usual with the dead. I felt, too, that I lay upon some hard substance; and by something similar my sides were, also, closely compressed. So far, I had not ventured to stir any of my limbs—but now I violently threw up my arms, which had been lying at length, with the wrists crossed. They struck a solid wooden substance, which extended above my person at an elevation of not more than six inches from my face. I could no longer doubt that I reposed within a coffin at last.

And now, amid all my infinite miseries, came sweetly the cherub Hope—for I thought of my precautions. I writhed, and made spasmodic exertions to force open the lid: it would not move. I felt my wrists for the bell-rope: it was not to be found. And now the Comforter fled for ever, and a still sterner Despair reigned triumphant; for I could not help perceiving

the absence of the paddings which I had so carefully prepared—and then, too, there came suddenly to my nostrils the strong peculiar odor of moist earth. The conclusion was irresistible. I was *not* within the vault. I had fallen into a trance while absent from home—while among strangers—when, or how, I could not remember—and it was they who had buried me as a dog—nailed up in some common coffin—and thrust, deep, deep, and for ever, into some ordinary and nameless *grave*.

As this awful conviction forced itself, thus, into the innermost chambers of my soul, I once again struggled to cry aloud. And in this second endeavor I succeeded. A long, wild, and continuous shriek, or yell, of agony, resounded through the realms of the subterranean Night.

"Hillo! hillo, there!" said a gruff voice, in reply.

"What the devil's the matter now!" said a second.

"Get out o' that!" said a third.

"What do you mean by yowling in that ere kind of style, like a cattymount?" said a fourth; and hereupon I was seized and shaken without ceremony, for several minutes, by a junto of very rough-looking individuals. They did not arouse me from my slumber—for I was wide-awake when I screamed—but they restored me to the full possession of my memory.

This adventure occurred near Richmond, in

Virginia. Accompanied by a friend, I had proceeded, upon a gunning expedition, some miles down the banks of the James River. Night approached, and we were overtaken by a storm. The cabin of a small sloop lying at anchor in the stream, and laden with garden mould, afforded us the only available shelter. We made the best of it, and passed the night on board. I slept in one of the only two berths in the vessel —and the berths of a sloop of sixty or seventy tons need scarcely be described. That which I occupied had no bedding of any kind. Its extreme width was eighteen inches. The distance of its bottom from the deck overhead was precisely the same. I found it a matter of exceeding difficulty to squeeze myself in. Nevertheless, I slept soundly; and the whole of my vision—for it was no dream, and no nightmare —arose naturally from the circumstances of my position—from my ordinary bias of thought —and from the difficulty, to which I have alluded, of collecting my senses, and especially of regaining my memory, for a long time after awaking from slumber. The men who shook me were the crew of the sloop, and some laborers engaged to unload it. From the load itself came the earthy smell. The bandage about the jaws was a silk handkerchief in which I had bound up my head, in default of my customary nightcap.

The tortures endured, however, were indubitably quite equal, for the time, to those of actual

sepulture. They were fearfully—they were inconceivably hideous; but out of Evil proceeded Good; for their very excess wrought in my spirit an inevitable revulsion. My soul acquired tone—acquired temper. I went abroad. I took vigorous exercise. I breathed the free air of Heaven. I thought upon other subjects than Death. I discarded my medical books. "Buchan" I burned. I read no "Night Thoughts"—no fustian about church-yards—no bugaboo tales—*such as this*. In short I became a new man, and lived a man's life. From that memorable night, I dismissed forever my charnel apprehensions, and with them vanished the cataleptic disorder, of which, perhaps, they had been less the consequence than the cause.

There are moments when, even to the sober eye of Reason, the world of our sad Humanity may assume the semblance of a Hell—but the imagination of man is no Carathis, to explore with impunity its every cavern. Alas! the grim legion of sepulchral terrors cannot be regarded as altogether fanciful—but, like the Demons in whose company Afrasiab made his voyage down the Oxus, they must sleep, or they will devour us—they must be suffered to slumber, or we perish.

THE DOMAIN OF ARNHEIM.

The garden like a lady fair was cut,
  That lay as if she slumbered in delight,
And to the open skies her eyes did shut.
  The azure fields of Heaven were 'sembled right
  In a large round set with the flowers of light.
The flowers de luce and the sparks of dew
That hung from their azure leaves did shew
Like twinkling stars that sparkle in the evening blue.
—*Giles Fletcher.*

From his cradle to his grave a gale of prosperity bore my friend Ellison along. Nor do I use the word prosperity in its mere worldly sense. I mean it as synonymous with happiness. The person of whom I speak seemed born for the purpose of foreshadowing the doctrines of Turgot, Price, Priestly, and Condorcet—of exemplifying by individual instance what has been deemed the chimera of the perfectionists. In the brief existence of Ellison I fancy that I have seen refuted the dogma, that in man's very nature lies some hidden principle, the antagonist of bliss. An anxious examination of his career has given me to understand that, in general, from the violation of a few simple laws of humanity arises the wretchedness of mankind—that as a species we have in our possession the as yet unwrought elements of content

—and that, even now in the present darkness and madness of all thought on the great question of the social condition, it is not impossible that man, the individual, under certain unusual and highly fortuitous conditions may be happy.

With opinions such as these my young friend, too, was fully imbued, and thus it is worthy of observation that the uninterrupted enjoyment which distinguished his life was, in great measure, the result of preconcert. It is indeed evident that with less of the instinctive philosophy which, now and then, stands so well in the stead of experience, Mr. Ellison would have found himself precipitated, by the very extraordinary success of his life, into the common vortex of unhappiness which yawns for those of pre-eminent endowments. But it is by no means my object to pen an essay on happiness. The ideas of my friend may be summed up in a few words. He admitted but four elementary principles, or more strictly, conditions, of bliss. That which he considered chief was (strange to say!) the simple and purely physical one of free exercise in the open air. "The health," he said, "attainable by other means is scarcely worth the name." He instanced the ecstacies of the fox-hunter, and pointed to the tillers of the earth, the only people who, as a class, can be fairly considered happier than others. His second condition was the love of woman. His third, and most difficult of reali-

zation, was the contempt of ambition. His fourth was an object of unceasing pursuit; and he held that, other things being equal, the extent of attainable happiness was in proportion to the spirituality of this object.

Ellison was remarkable in the continuous profusion of good gifts lavished upon him by fortune. In personal grace and beauty he exceeded all men. His intellect was of that order to which the acquisition of knowledge is less a labor than an intuition and a necessity. His family was one of the most illustrious of the empire. His bride was the loveliest and most devoted of women. His possessions had been always ample; but on the attainment of his majority, it was discovered that one of those extraordinary freaks of fate had been played in his behalf which startle the whole social world amid which they occur, and seldom fail radically to alter the moral constitution of those who are their objects.

It appears that about a hundred years before Mr. Ellison's coming of age, there had died, in a remote province, one Mr. Seabright Ellison. This gentleman had amassed a princely fortune, and, having no immediate connections, conceived the whim of suffering his wealth to accumulate for a century after his decease. Minutely and sagaciously directing the various modes of investment, he bequeathed the aggregate amount to the nearest of blood, bearing the name of Ellison, who should be alive at the

end of the hundred years. Many attempts had been made to set aside this singular bequest; their *ex post facto* character rendered them abortive; but the attention of a jealous government was aroused, and a legislative act finally obtained, forbidding all similar accumulations. This act, however, did not prevent young Ellison from entering into possession, on his twenty-first birthday, as the heir of his ancestors Seabright, of a fortune of *four hundred and fifty millions of dollars.**

When it had become known that such was the enormous wealth inherited, there were, of course, many speculations as to the mode of its disposal. The magnitude and the immediate availability of the sum bewildered all who thought on the topic. The possessor of any *appreciable* amount of money might have been imagined to perform any one of a thousand things. With riches merely surpassing those of any citizen, it would have been easy to suppose him engaging to supreme excess in the fashionable extravagances of his time—or busying

* An incident, similar in outline to the one here imagined, occurred, not very long ago, in England. The name of the fortunate heir was Thellusson. I first saw an account of this matter in the "Tour" of Prince Puckler Muskau, who makes the sum inherited *ninety millions of pounds*, and justly observes that "in the contemplation of so vast a sum, and of the services to which it might be applied, there is something even of the sublime." To suit the views of this article I have followed the Prince's statement, although a grossly exaggerated one. The germ, and in fact, the commencement of the present paper was published many years ago — previous to the issue of the first number of Sue's admirable "*Juif Errant*" which may possibly have been suggested to him by Muskau's account.

himself with political intrigue—or aiming at ministerial power—or purchasing increase of nobility—or collecting large museums of *virtu* —or playing the munificent patron of letters, of science, of art—or endowing, and bestowing his name upon extensive institutions of charity. But for the inconceivable wealth in the actual possession of the heir, these objects and all ordinary objects were felt to afford too limited a field. Recourse was had to figures, and these but sufficed to confound. It was seen that, even at three per cent., the annual income of the inheritance amounted to no less than thirteen millions and five hundred thousand dollars; which was one million and one hundred and twenty-five thousand per month; or thirty-six thousand nine hundred and eighty-six per day; or one thousand five hundred and forty-one per hour; or six and twenty dollars for every minute that flew. Thus the usual track of supposition was thoroughly broken up. Men knew not what to imagine. There were some who even conceived that Mr. Ellison would divest himself of at least one-half of his fortune, as of utterly superfluous opulence—enriching whole troops of his relatives by division of his superabundance. To the nearest of these he did, in fact, abandon the very unusual wealth which was his own before the inheritance.

I was not surprised, however, to perceive that he had long made up his mind on a point which had occasioned so much discussion to his

friends. Nor was I greatly astonished at the nature of his decision. In regard to individual charities he had satisfied his conscience. In the possibility of any improvement, properly so called, being effected by man himself in the general condition of man, he had (I am sorry to confess it) little faith. Upon the whole, whether happily or unhappily, he was thrown back, in very great measure, upon self.

In the widest and noblest sense he was a poet. He comprehended, moreover, the true character, the august aims, the supreme majesty and dignity of the poetic sentiment. The fullest, if not the sole proper satisfaction of this sentiment he instinctively felt to lie in the creation of novel forms of beauty. Some peculiarities, either in his early education, or in the nature of his intellect, had tinged with what is termed materialism in all his ethical speculations; and it was this bias, perhaps, which led him to believe that the most advantageous at least, if not the sole legitimate field for the poetic exercise, lies in the creation of novel moods of purely *physical* loveliness. Thus it happened he became neither musician nor poet—if we use this latter term in its every-day acceptation. Or it might have been that he neglected to become either, merely in pursuance of his idea that in contempt of ambition is to be found one of the essential principles of happiness on earth. Is it not indeed, possible that, while a high order of genius is necessarily ambi-

tious, the highest is above that which is termed ambition? And may it not thus happen that many far greater than Milton have contentedly remained "mute and inglorious?" I believe that the world has never seen—and that, unless through some series of accidents goading the noblest order of mind into distasteful exertion, the world will never see—that full extent of triumphant execution, in the richer domains of art, of which the human nature is absolutely capable.

Ellison became neither musician nor poet; although no man lived more profoundly enamored of music and poetry. Under other circumstances than those which invested him, it is not impossible that he would have become a painter. Sculpture, although in its nature rigorously poetical, was too limited in its extent and consequences, to have occupied, at any time, much of his attention. And I have now mentioned all the provinces in which the common understanding of the poetic sentiment has declared it capable of expatiating. But Ellison maintained that the richest, the truest, and most natural, if not altogether the most extensive province, had been unaccountably neglected. No definition had spoken of the landscape-gardener as of the poet; yet it seemed to my friend that the creation of the landscape-garden offered to the proper Muse the most magnificent of opportunities. Here, indeed, was the faintest field for the display of imagination in

the endless combining of forms of novel beauty: the elements to enter into combination being, by a vast superiority, the most glorious which the earth could afford. In the multiform and multicolor of the flower and the trees, he recognised the most direct and energetic efforts of Nature at physical loveliness. And in the direction or concentration of this effort—or, more properly, in its adaptation to the eyes which were to behold it on earth—he perceived that he should be employing the best means—laboring to the greatest advantage—in the fulfilment, not only of his own destiny as poet, but of the august purposes for which the Deity had implanted the poetic sentiment in man.

"Its adaptation to the eyes which were to behold it on earth." In his explanation of this phraseology, Mr. Ellison did much toward solving what has always seemed to me an enigma: —I mean the fact (which none but the ignorant dispute) that no such combination of scenery exists in nature as the painter of genius may produce. No such paradises are to be found in reality as have glowed on the canvas of Claude. In the most enchanting of natural landscapes, there will always be found a defect or an excess—many excesses and defects. While the component parts may defy, individually, the highest skill of the artist, the arrangement of these parts will always be susceptible of improvement. In short, no position can be attained on the wide surface of the *natural* earth,

from which an artistical eye, looking steadily, will not find matter of offence in what is termed the "composition" of the landscape. And yet how unintelligible is this! In all other matters we are justly instructed to regard nature as supreme. With her details we shrink from competition. Who shall presume to imitate the colors of the tulip, or to improve the proportions of the lily of the valley? The criticism which says, of sculpture or portraiture, that here nature is to be exalted or idealized rather than imitated, is in error. No pictorial or sculptural combinations of points of human loveliness do more than approach the living and breathing beauty. In landscape alone is the principle of the critic true; and, having felt its truth here, it is but the headlong spirit of generalization which has led him to pronounce it true throughout all the domains of art. Having, I say, *felt* its truth here; for the feeling is no affectation or chimera. The mathematics afford no more absolute demonstrations than the sentiments of his art yields the artist. He not only believes, but positively knows, that such and such apparently arbitrary arrangements of matter constitute and alone constitute the true beauty. His reasons, however, have not yet been matured into expression. It remains for a more profound analysis than the world has yet seen, fully to investigate and express them. Nevertheless he is confirmed in his instinctive opinions by the voice of all his brethren. Let

a "composition" be defective: let an emendation be wrought in its mere arrangement of form; let this emendation be submitted to every artist in the world; by each will its necessity be admitted. And even far more than this; in remedy of the defective composition, each insulated member of the fraternity would have suggested the identical emendation.

I repeat that in landscape arrangements alone is the physical nature susceptible of exaltation, and that, therefore, her susceptibility of improvement at this one point, was a mystery I had been unable to solve. My own thoughts on the subject had rested in the idea that the primitive intention of nature would have so arranged the earth's surface as to have fulfilled at all points man's sense of perfection in the beautiful, the sublime, or the picturesque; but that this primitive intention had been frustrated by the known geological disturbances—disturbances of form and color-grouping, in the correction or allaying of which lies the soul of art. The force of this idea was much weakened, however, by the necessity which it involved of considering the disturbances abnormal and unadapted to any purpose. It was Ellison who suggested that they were prognostic of *death*. He thus explained:— Admit the earthly immortality of man to have been the first intention. We have then the primitive arrangement of the earth's surface adapted to his blissful estate, as not existent but

designed. The disturbances were the preparations for his subsequently conceived deathful condition.

"Now," said my friend, "what we regard as exaltation of the landscape may be really such, as respects only the moral or human *point of view*. Each alteration of the natural scenery may possibly effect a blemish in the picture, if we can suppose this picture viewed at large—in mass—from some point distant from the earth's surface, although not beyond the limits of its atmosphere. It is easily understood that what might improve a closely scrutinized detail, may at the same time injure a general or more distinctly observed effect. There *may* be a class of beings, human once, but now invisible to humanity, to whom, from afar, our disorder may seem order—our unpicturesqueness picturesque: in a word, the earth-angels, for whose scrutiny more especially than our own, and for whose death-refined appreciation of the beautiful, may have been set in array by God the wide landscape-gardens of the hemispheres."

In the course of discussion, my friend quoted some passages from a writer on landscape-gardening, who has been supposed to have well treated his theme:

"There are properly but two styles of landscape-gardening, the natural and the artificial. One seeks to recall the original beauty of the country, by adapting its means to the surrounding scenery; cultivating trees in har-

mony with the hills or plains of the neighboring land; detecting and bringing into practice those nice relations of size, proportion and color which, hid from the common observer, are revealed everywhere to the experienced student of nature. The result of the natural style of gardening, is seen rather in the absence of all defects and incongruities—in the prevalence of a healthy harmony and order—than in the creation of any special wonders or miracles. The artificial style has as many varieties as there are different tastes to gratify. It has a certain general relation to the various styles of building. There are the stately avenues and retirements of Versailles; Italian terraces; and a various mixed old English style, which bears some relation to the domestic Gothic or English Elizabethan architecture. Whatever may be said against the abuses of the artificial landscape-gardening, a mixture of pure art in the garden scene adds to it a great beauty. This is partly pleasing to the eye, by the show of order and design, and partly moral. A terrace, with an old moss-covered balustrade, calls up at once to the eye the fair forms that have passed there in other days. The slightest exhibition of art is an evidence of care and human interest."

"From what I have already observed," said Ellison, "you will understand that I reject the idea, here expressed, of recalling the original beauty of the country. The original beauty is never so great as that which may be introduced.

Of course, every thing depends on the selection of a spot with capabilities. What is said about detecting and bringing into practice nice relations of size, proportion, and color, is one of those mere vaguenesses of speech which serve to veil inaccuracy of thought. The phrase quoted may mean any thing, or nothing, and guides in no degree. That the true result of the natural style of gardening is seen rather in the absence of all defects and incongruities than in the creation of any special wonders or miracles, is a proposition better suited to the grovelling apprehension of the herd than to the fervid dreams of the man of genius. The negative merit suggested appertains to that hobbling criticism which, in letters, would elevate Addison into apotheosis. In truth, while that virtue which consists in the mere avoidance of vice appeals directly to the understanding, and can thus be circumscribed in *rule*, the loftier virtue, which flames in creation, can be apprehended in its results alone. Rule applies but to the merits of denial—to the excellencies which refrain. Beyond these, the critical art can but suggest. We may be instructed to build a "Cato," but we are in vain told *how* to conceive a Parthenon or an "Inferno." The thing done, however: the wonder accomplished; and the capacity for apprehension becomes universal. The sophists of the negative school who, through inability to create, have scoffed at creation, are now found the loudest in applause.

What, in its chrysalis condition of principle, affronted their demure reason, never fails, in its maturity of accomplishment, to extort admiration from their instinct of beauty.

"The author's observations on the artificial style," continued Ellison, "are less objectionable. A mixture of pure art in a garden scene adds to it a great beauty. This is just; as also is the reference to the sense of human interest. The principle expressed is incontrovertible—but there *may* be something beyond it. There may be an object in keeping with the principle—an object unattainable by the means ordinarily possessed by individuals, yet which, if attained, would lend a charm to the landscape-garden far surpassing that which a sense of merely human interest could bestow. A poet, having very unusual pecuniary resources, might, while retaining the necessary idea of art or culture, or, as our author expresses it, of interest, so imbue his designs at once with extent and novelty of beauty, as to convey the sentiment of spiritual interference. It will be seen that, in bringing about such result, he secures all the advantages of interest or *design*, while relieving his work of the harshness or technicality of the worldly *art*. In the most rugged of wildernesses—in the most savage of the scenes of pure nature—there is apparent the *art* of a creator; yet this art is apparent to reflection only; in no respect has it the obvious force of a feeling. Now let us suppose this

sense of the Almighty design to be *one step depressed*—to be brought into something like harmony or consistency with the sense of human art—to form an intermedium between the two: —let us imagine, for example, a landscape whose combined vastness and definitiveness—whose united beauty, magnificence, and *strangeness*, shall convey the idea of care, or culture, or superintendence, on the part of beings superior, yet akin to humanity—then the sentiment of *interest* is preserved, while the art intervolved is made to assume the air of an intermediate or secondary nature—a nature which is not God, nor an emanation from God, but which still is nature in the sense of the handiwork of the angels that hover between man and God."

It was in devoting his enormous wealth to the embodiment of a vision such as this—in the free exercise in the open air ensured by the personal superintendence of his plans—in the unceasing object which these plans afforded—in the high spirituality of the object—in the contempt of ambition which it enabled him truly to feel—in the perennial springs with which it gratified, without possibility of satiating, that one master passion of his soul, the thirst for beauty; above all, it was in the sympathy of a woman, not unwomanly, whose loveliness and love enveloped his existence in the purple atmosphere of Paradise, that Ellison thought to find, *and found,* exemption from the ordinary

cares of humanity, with a far greater amount of positive happiness than ever glowed in the rapt day-dreams of De Stael.

I despair of conveying to the reader any distinct conception of the marvels which my friend did actually accomplish. I wish to describe, but am disheartened by the difficulty of description, and hesitate between detail and generality. Perhaps the better course will be to unite the two in their extremes.

Mr. Ellison's first step regarded, of course, the choice of a locality; and scarcely had he commenced thinking on this point, when the luxuriant nature of the Pacific Islands arrested his attention. In fact, he had made up his mind for a voyage to the South Seas, when a night's reflection induced him to abandon the idea. "Were I misanthropic," he said, "such a *locale* would suit me. The thoroughness of its insulation and seclusion, and the difficulty of ingress and egress, would in such case be the charm of charms; but as yet I am not Timon. I wish the composure but not the depression of solitude. There must remain with me a certain control over the extent and duration of my repose. There will be frequent hours in which I shall need, too, the sympathy of the poetic in what I have done. Let me seek, then, a spot not far from a populous city—whose vicinity, also, will best enable me to execute my plans."

In search of a suitable place so situated, Ellison travelled for several years, and I was per-

mitted to accompany him. A thousand spots with which I was enraptured he rejected without hesitation, for reasons which satisfied me, in the end, that he was right. We came at length to an elevated table-land of wonderful fertility and beauty, affording a panoramic prospect very little less in extent than that of Ætna, and, in Ellison's opinion as well as my own, surpassing the far-famed view from that mountain in all the true elements of the picturesque.

"I am aware," said the traveller, as he drew a sigh of deep delight after gazing on this scene, entranced, for nearly an hour, "I know that here, in my circumstances, nine-tenths of the most fastidious of men would rest content. This panorama is indeed glorious, and I should rejoice in it but for the excess of its glory. The taste of all the architects I have ever known leads them, for the sake of 'prospect,' to put up buildings on hill-tops. The error is obvious. Grandeur in any of its moods, but especially in that of extent, startles, excites—and then fatigues, depresses. For the occasional scene nothing can be better—for the constant view nothing worse. And, in the constant view, the most objectionable phase of grandeur is that of extent; the worst phase of extent, that of distance. It is at war with the sentiment and with the sense of *seclusion*—the sentiment and sense which we seek to humor in 'retiring to the country.' In looking from the summit of a mountain we cannot help feeling *abroad*

in the world. The heart-sick avoid distant prospects as a pestilence."

It was not until toward the close of the fourth year of our search that we found a locality with which Ellison professed himself satisfied. It is, of course, needless to say *where* was the locality. The late death of my friend, in causing his domain to be thrown open to certain classes of visitors, has given to *Arnheim* a species of secret and subdued if not solemn celebrity, similar in kind, although infinitely superior in degree, to that which so long distinguished Fonthill.

The usual approach to Arnheim was by the river. The visitor left the city in the early morning. During the forenoon he passed between shores of a tranquil and domestic beauty, on which grazed innumerable sheep, their white fleeces spotting the vivid green of rolling meadows. By degrees the idea of cultivation subsided into that of merely pastoral care. This slowly became merged in a sense of retirement—this again in a consciousness of solitude. As the evening approached, the channel grew more narrow; the banks more and more precipitous; and these latter were clothed in richer, more profuse, and more sombre foliage. The water increased in transparency. The stream took a thousand turns, so that at no moment could its gleaming surface be seen for a greater distance than a furlong. At every instant the vessel seemed imprisoned within an enchanted circle, having

insuperable and impenetrable walls of foliage, a roof of ultra-marine satin, and *no* floor—the keel balancing itself with admirable nicety on that of a phantom bark which, by some accident having been turned upside down, floated in constant company with the substantial one, for the purpose of sustaining it. The channel now became a *gorge*—although the term is somewhat inapplicable, and I employ it merely because the language has no word which better represents the most striking—not the most distinctive—feature of the scene. The character of gorge was maintained only in the height and parallelism of the shores; it was lost altogether in their other traits. The walls of the ravine (through which the clear water still tranquilly flowed) arose to an elevation of a hundred and occasionally of a hundred and fifty feet, and inclined so much toward each other as, in a great measure, to shut out the light of day; while the long plume-like moss which depended densely from the intertwining shrubberies overhead, gave the whole chasm an air of funereal gloom. The windings became more frequent and intricate, and seemed often as if returning in upon themselves, so that the voyager had long lost all idea of direction. He was, moreover, enwrapt in an exquisite sense of the strange. The thought of nature still remained, but her character seemed to have undergone modification, there was a weird symmetry, a thrilling uniformity, a wizard propriety in

these her works. Not a dead branch—not a withered leaf—not a stray pebble—not a patch of the brown earth was anywhere visible. The crystal water welled up against the clean granite, or the unblemished moss, with a sharpness of outline that delighted while it bewildered the eye.

Having threaded the mazes of this channel for some hours, the gloom deepening every moment, a sharp and unexpected turn of the vessel brought it suddenly, as if dropped from heaven, into a circular basin of very considerable extent when compared with the width of the gorge. It was about two hundred yards in diameter, and girt it at all points but one—that immediately fronting the vessel as it entered—by hills equal in general height to the walls of the chasm, although of a thoroughly different character. Their sides sloped to the water's edge at an angle of some forty-five degrees, and they were clothed from base to summit—not a perceptible point escaping—in a drapery of the most gorgeous flower-blossoms; scarcely a green leaf being visible among the sea of odorous and fluctuating color. This basin was of great depth, but so transparent was the water that the bottom, which seemed to consist of a thick mass of small round alabaster pebbles, was distinctly visible by glimpses—that is to say, whenever the eye could permit itself *not* to see, far down in the inverted heaven, the duplicate blooming of the hills. On these latter there were

no trees, nor even shrubs of any size. The impressions wrought on the observer were those of richness, warmth, color, quietude, uniformity, softness, delicacy, daintiness, voluptuousness, and a miraculous extremeness of culture that suggested dreams of a new race of fairies, laborious, tasteful, magnificent, and fastidious; but as the eye traced upward the myriad-tinted slope, from its sharp junction with the water to its vague termination amid the folds of overhanging cloud, it became, indeed, difficult not to fancy a panoramic cataract of rubies, sapphires, opals, and golden onyxes, rolling silently out of the sky.

The visitor, shooting suddenly into this bay from out the gloom of the ravine, is delighted but astounded by the full orb of the declining sun, which he had supposed to be already far below the horizon, but which now confronts him, and forms the sole termination of an otherwise limitless vista seen through another chasm-like rift in the hills.

But here the voyager quits the vessel which has borne him so far, and descends into a light canoe of ivory, stained with arabesque devices in vivid scarlet, both within and without. The poop and beak of this boat arise high above the water, with sharp points, so that the general form is that of an irregular crescent. It lies on the surface of the bay with the proud grace of a swan. On its ermined floor reposes a single feathery paddle of satin-wood; but no

oarsman or attendant is to be seen. The guest is bidden to be of good cheer—that the fates will take care of him. The larger vessel disappears, and he is left alone in the canoe, which lies apparently motionless in the middle of the lake. While he considers what course to pursue, however, he becomes aware of a gentle movement in the fairy bark. It slowly swings itself around until its prow points toward the sun. It advances with a gentle but gradually accelerated velocity, while the slight ripples it creates seem to break about the ivory side in divinest melody —seem to offer the only possible explanation of the soothing yet melancholy music for whose unseen origin the bewildered voyager looks around him in vain.

The canoe steadily proceeds, and the rocky gate of the vista is approached, so that its depths can be more distinctly seen. To the right arise a chain of lofty hills rudely and luxuriantly wooded. It is observed, however, that the trait of exquisite *cleanness* where the bank dips into the water, still prevails. There is not one token of the usual river *débris*. To the left the character of the scene is softer and more obviously artificial. Here the bank slopes upward from the stream in a very gentle ascent, forming a broad sward of grass of a texture resembling nothing so much as velvet, and of a brilliancy of green which would bear comparison with the tint of the purest emerald. This *plateau* varies in width from ten to three hun-

dred yards; reaching from the river-bank to a wall, fifty feet high, which extends, in an infinity of curves, but following the general direction of the river, until lost in the distance to the westward. This wall is of one continuous rock, and has been formed by cutting perpendicularly the once rugged precipice of the stream's southern bank; but no trace of the labor has been suffered to remain. The chiselled stone has the hue of ages, and is profusely overhung and overspread with the ivy, the coral honeysuckle, the eglantine, and the clematis. The uniformity of the top and bottom lines of the wall is fully relieved by occasional trees of gigantic height, growing singly or in small groups, both along the *plateau* and in the domain behind the wall, but in close proximity to it; so that frequent limbs (of the black walnut especially) reach over and dip their pendent extremities in the water. Farther back within the domain, the vision is impeded by an impenetrable screen of foliage.

These things are observed during the canoe's gradual approach to what I have called the gate of the vista. On drawing nearer to this, however, its chasm-like appearance vanishes; a new outlet from the bay is discovered to the left—in which direction the wall is also seen to sweep, still following the general course of the stream. Down this new opening the eye cannot penetrate very far; for the stream, accompanied by

the wall, still bends to the left, until both are swallowed up by the leaves.

The boat, nevertheless, glides magically into the winding channel; and here the shore opposite the wall is found to resemble that opposite the wall in the straight vista. Lofty hills, rising occasionally into mountains, and covered with vegetation in wild luxuriance, still shut in the scene.

Floating gently onward, but with a velocity slightly augmented, the voyager, after many short turns, finds his progress apparently barred by a gigantic gate or rather door of burnished gold, elaborately carved and fretted, and reflecting the direct rays of the now fast-sinking sun with an effulgence that seems to wreath the whole surrounding forest in flames. This gate is inserted in the lofty wall; which here appears to cross the river at right angles. In a few moments, however, it is seen that the main body of the water still sweeps in a gentle and extensive curve to the left, the wall following it as before, while a stream of considerable volume, diverging from the principal one, makes its way, with a slight ripple, under the door, and is thus hidden from sight. The canoe falls into the lesser channel and approaches the gate. Its ponderous wings are slowly and musically expanded. The boat glides between them, and commences a rapid descent into a vast amphitheatre entirely begirt with purple mountains, whose bases are layed

by a gleaming river throughout the full extent of their circuit. Meantime the whole Paradise of Arnheim bursts upon the view. There is a gush of entrancing melody; there is an oppressive sense of strange sweet odor;—there is a dream-like intermingling to the eye of tall slender Eastern trees—bosky shrubberies—flocks of golden and crimson birds—lily-fringed lakes—meadows of violets, tulips, poppies, hyacinths, and tuberoses—long intertangled lines of silver streamlets—and, upspringing confusedly from amid all, a mass of semi-Gothic, semi-Saracenic architecture, sustaining itself by miracle in mid-air; glittering in the red sunlight with a hundred oriels, minarets, and pinnacles; and seeming the phantom handiwork, conjointly, of the Sylphs, of the Fairies, of the Genii, and of the Gnomes.

LANDOR'S COTTAGE.

A PENDANT TO "THE DOMAIN OF ARNHEIM."

DURING a pedestrian trip last summer, through one or two of the river counties of New York, I found myself, as the day declined, somewhat embarrassed about the road I was pursuing. The land undulated very remarkably; and my path, for the last hour, had wound about and about so confusedly, in its effort to keep in the valleys, that I no longer knew in what direction lay the sweet village of B———, where I had determined to stop for the night. The sun had scarcely *shone*—strictly speaking—during the day, which, nevertheless, had been unpleasantly warm. A smoky mist, resembling that of the Indian summer, enveloped all things, and of course, added to my uncertainty. Not that I cared much about the matter. If I did not hit upon the village before sunset, or even before dark, it was more than possible that a little Dutch farmhouse, or something of that kind, would soon make its appearance—although, in fact, the neighborhood (perhaps on account of being

more picturesque than fertile) was very sparsely inhabited. At all events, with my knapsack for a pillow, and my hound as a sentry, a bivouac in the open air was just the thing which would have amused me. I sauntered on, therefore, quite at ease—Ponto taking charge of my gun—until at length, just as I had begun to consider whether the numerous little glades that led hither and thither, were intended to be paths at all, I was conducted by one of them into an unquestionable carriage track. There could be no mistaking it. The traces of light wheels were evident; and although the tall shubberies and overgrown undergrowth met overhead, there was no obstruction whatever below, even to the passage of a Virginian mountain wagon—the most aspiring vehicle, I take it, of its kind. The road, however, except in being open through the wood—if wood be not too weighty a name for such an assemblage of light trees—and except in the particulars of evident wheel-tracks—bore no resemblance to any road I had before seen. The tracks of which I speak were but faintly perceptible—having been impressed upon the firm, yet pleasantly moist surface of—what looked more like green Genoese velvet than any thing else. It was grass, clearly—but grass such as we seldom see out of England—so short, so thick, so even, and so vivid in color. Not a single impediment lay in the wheel-route—not even a chip or dead twig. The stones that once obstructed the way

had been carefully *placed*—not thrown—along the sides of the lane, so as to define its boundaries at bottom with a kind of half-precise, half-negligent, and wholly picturesque definition. Clumps of wild flowers grew everywhere, luxuriantly, in the interspaces.

What to make of all this, of course I knew not. Here was *art* undoubtedly—*that* did not surprise me—all roads, in the ordinary sense, are works of art; nor can I say that there was much to wonder at in the mere *excess* of art manifested; all that seemed to have been done, might have been done *here*—with such natural "capabilities" (as they have it in the books on Landscape Gardening)—with very little labor and expense. No; it was not the amount but the *character* of the art which caused me to take a seat on one of the blossomy stones and gaze up and down this fairy-like avenue for half an hour or more in bewildered admiration. One thing became more and more evident the longer I gazed: an artist, and one with a most scrupulous eye for form, had superintended all these arrangements. The greatest care had been taken to preserve a due medium between the neat and graceful on the one hand, and the *pittoresque*, in the true sense of the Italian term, on the other. There were few straight, and no long uninterrupted lines. The same effect of curvature or of color appeared twice, usually, but not oftener, at any one point of view. Everywhere was variety in uniformity.

It was a piece of "composition," in which the most fastidiously critical taste could scarcely have suggested an emendation.

I had turned to the right as I entered this road, and now, arising, I continued in the same direction. The path was so serpentine, that at no moment could I trace its course for more than two or three paces in advance. Its character did not undergo any material change.

Presently the murmur of water fell gently upon my ear—and in a few moments afterward, as I turned with the road somewhat more abruptly than hitherto, I became aware that a building of some kind lay at the foot of a gentle declivity just before me. I could see nothing distinctly on account of the mist which occupied all the little valley below. A gentle breeze, however, now arose, as the sun was about descending; and while I remained standing on the brow of the slope, the fog gradually became dissipated into wreaths, and so floated over the scene.

As it came fully into view—thus *gradually* as I describe it—piece by piece, here a tree, there a glimpse of water, and here again the summit of a chimney, I could scarcely help fancying that the whole was one of the ingenious illusions sometimes exhibited under the name of "vanishing pictures."

By the time, however, that the fog had thoroughly disappeared, the sun had made its way down behind the gentle hills, and thence, as if

with a slight *chassez* to the south, had come again fully into sight, glaring with a purplish lustre through a chasm that entered the valley from the west. Suddenly, therefore—and as if by the hand of magic—this whole valley and every thing in it became brilliantly visible.

The first *coup d'œil*, as the sun slid into the position described, impressed me very much as I have been impressed, when a boy, by the concluding scene of some well-arranged theatrical spectacle or melodrama. Not even the monstrosity of color was wanting; for the sunlight came out through the chasm, tinted all orange and purple; while the vivid green of the grass in the valley was reflected more or less upon all objects from the curtain of vapor that still hung overhead, as if loth to take its total departure from a scene so enchantingly beautiful.

The little vale into which I thus peered down from under the fog-canopy could not have been more than four hundred yards long; while in breadth it varied from fifty to one hundred and fifty or perhaps two hundred. It was most narrow at its northern extremity, opening out as it tended southwardly, but with no very precise regularity. The widest portion was within eighty yards of the southern extreme. The slopes which encompassed the vale could not fairly be called hills, unless at their northern face. Here a precipitous ledge of granite arose to a height of some ninety feet; and, as I have mentioned, the valley at this point was not

more than fifty feet wide; but as the visitor proceeded southwardly from this cliff, he found on his right hand and on his left, declivities at once less high, less precipitous, and less rocky. All, in a word, sloped and softened to the south; and yet the whole vale was engirdled by eminences, more or less high, except at two points. One of these I have already spoken of. It lay considerably to the north of west, and was where the setting sun made its way, as I have before described, into the amphitheatre, through a clean cut natural cleft in the granite embankment; this fissure might have been ten yards wide at its widest point, so far as the eye could trace it. It seemed to lead up, up like a natural causeway, into the recesses of unexplored mountains and forests. The other opening was directly at the southern end of the vale. Here, generally, the slopes were nothing more than gentle inclinations, extending from east to west about one hundred and fifty yards. In the middle of this extent was a depression, level with the ordinary floor of the valley. As regards vegetation, as well as in respect to every thing else, the scene *softened and sloped* to the south. To the north—on the craggy precipice—a few paces from the verge—up sprang the magnificent trunks of numerous hickories, black walnuts, and chestnuts, interspersed with occasional oak: and the strong lateral branches thrown out by the walnuts especially, spread far over the edge of the cliff. Proceeding south-

wardly, the explorer saw, at first, the same class of trees, but less and less lofty and Salvatorish in character; then he saw the gentler elm, succeeded by the sassafras and locust—these again by the softer linden, red-bud, catalpa, and maple—these yet again by still more graceful and more modest varieties. The whole face of the southern declivity was covered with wild shrubbery alone—an occasional silver willow or white poplar excepted. In the bottom of the valley itself—(for it must be borne in mind that the vegetation hitherto mentioned grew only on the cliffs or hillsides)—were to be seen three insulated trees. One was an elm of fine size and exquisite form: it stood guard over the southern gate of the vale. Another was a hickory, much larger than the elm, and altogether a much finer tree, although both were exceedingly beautiful: it seemed to have taken charge of the northwestern entrance, springing from a group of rocks in the very jaws of the ravine, and throwing its graceful body, at an angle of nearly forty-five degrees, far out into the sunshine of the amphitheatre. About thirty yards east of this tree stood, however, the pride of the valley, and beyond all question the most magnificent tree I have ever seen, unless, perhaps, among the cypresses of the Itchiatuckanee. It was a triple-stemmed tulip-tree—the *Liriodendron Tulipiferum*—one of the natural order of magnolias. Its three trunks separated from the parent at about three

feet from the soil, and diverging very slightly and gradually, were not more than four feet apart at the point where the largest stem shot out into foliage: this was at an elevation of about eighty feet. The whole height of the principal division was one hundred and twenty feet. Nothing can surpass in beauty the form, or the glossy, vivid green of the leaves of the tulip-tree. In the present instance they were fully eight inches wide; but their glory was altogether eclipsed by the gorgeous splendor of the profuse blossoms. Conceive, closely congregated, a million of the largest and most resplendent tulips! Only thus can the reader get any idea of the picture I would convey. And then the stately grace of the clean, delicately-granulated columnar stems, the largest four feet in diameter, at twenty from the ground. The innumerable blossoms, mingling with those of other trees scarcely less beautiful, although infinitely less majestic, filled the valley with more than Arabian perfumes.

The general floor of the amphitheatre was *grass* of the same character as that I had found in the road; if any thing, more deliciously soft, thick, velvety, and miraculously green. It was hard to conceive how all this beauty had been attained.

I have spoken of two openings into the vale. From the one to the north-west issued a rivulet, which came, gently murmuring and slightly foaming, down the ravine, until it dashed

against the group of rocks out of which sprang the insulated hickory. Here, after encircling the tree, it passed on a little to the north of east, leaving the tulip tree some twenty feet to the south, and making no decided alteration in its course until it came near the midway between the eastern and western boundaries of the valley. At this point, after a series of sweeps, it turned off at right angles and pursued a generally southern direction—meandering as it went—until it became lost in a small lake of irregular figure (although roughly oval), that lay gleaming near the lower extremity of the vale. This lakelet was, perhaps, a hundred yards in diameter at its widest part. No crystal could be clearer than its waters. Its bottom, which could be distinctly seen, consisted altogether of pebbles brilliantly white. Its banks, of the emerald grass already described, *rounded*, rather than sloped, off into the clear heaven below; and *so* clear was this heaven, so perfectly, at times, did it reflect all objects above it, that where the true bank ended and where the mimic one commenced, it was a point of no little difficulty to determine. The trout, and some other varieties of fish, with which this pond seemed to be almost inconveniently crowded, had all the appearance of veritable flying-fish. It was almost impossible to believe that they were not absolutely suspended in the air. A light birch canoe that lay placidly on the water, was reflected in its minutest fibres with

a fidelity unsurpassed by the most exquisitely polished mirror. A small island, fairly laughing with flowers in full bloom, and affording little more space than just enough for a picturesque little building, seemingly a fowl-house —arose from the lake not far from its northern shore—to which it was connected by means of an inconceivably light-looking and yet very primitive bridge. It was formed of a single, broad and thick plank of the tulip wood. This was forty feet long, and spanned the interval between shore and shore with a slight but very perceptible arch, preventing all oscillation. From the southern extreme of the lake issued a continuation of the rivulet, which, after meandering for, perhaps, thirty yards, finally passed through the "depression" (already described) in the middle of the southern declivity, and tumbling down a sheer precipice of a hundred feet, made its devious and unnoticed way to the Hudson.

The lake was deep—at some points thirty feet—but the rivulet seldom exceeded three, while its greatest width was about eight. Its bottom and banks were as those of the pond—if a defect could have been attributed, in point of picturesqueness, it was that of excessive *neatness*.

The expanse of the green turf was relieved, here and there, by an occasional showy shrub, such as the hydrangea, or the common snowball, or the aromatic seringa; or, more fre-

quently, by a clump of geraniums blossoming gorgeously in great varieties. These latter grew in pots which were carefully buried in the soil, so as to give the plants the appearance of being indigeneous. Besides all this, the lawn's velvet was exquisitely spotted with sheep —a considerable flock of which roamed about the vale, in company with three tamed deer, and a vast number of brilliantly-plumed ducks. A very large mastiff seemed to be in vigilant attendance upon these animals, each and all.

Along the eastern and western cliffs —where, toward the upper portion of the amphitheatre, the boundaries were more or less precipitous— grew ivy in great profusion—so that only here and there could even a glimpse of the naked rock be obtained. The northern precipice, in like manner, was almost entirely clothed by grape-vines of rare luxuriance; some springing from the soil at the base of the cliff, and others from ledges on its face.

The slight elevation which formed the lower boundary of this little domain, was crowned by a neat stone wall, of sufficient height to prevent the escape of the deer. Nothing of the fence kind was observable elsewhere, for nowhere else was an artificial enclosure needed: —any stray sheep, for example, which should attempt to make its way out of the vale by means of the ravine, would find its progress arrested, after a few yards' advance, by the precipitous ledge of rock over which tumbled the cascade that

had arrested my attention as I first drew near the domain. In short, the only ingress or egress was through a gate occupying a rocky pass in the road, a few paces below the point at which I stopped to reconnoitre the scene.

I have described the brook as meandering very irregularly through the whole of its course. Its two *general* directions, as I have said, were first from west to east, and then from north to south. At the *turn*, the stream, sweeping backward, made an almost circular *loop*, so as to form a peninsula which was *very* nearly an island, and which included about the sixteenth of an acre. On this peninsula stood a dwelling-house—and when I say that this house, like the infernal terrace seen by Vathek, "*était d'une architecture inconnue dans les annales de la terre*," I mean, merely, that its *tout ensemble* struck me with the keenest sense of combined novelty and propriety—in a word, of *poetry*—(for, than in the words just employed, I could scarcely give, of poetry in the abstract, a more rigorous definition)—and I do *not* mean that merely *outre* was perceptible in any respect.

In fact nothing could well be more simple—more utterly unpretending than this cottage. Its marvellous *effect* lay altogether in its artistic arrangement *as a picture*. I could have fancied, while I looked at it, that some eminent landscape-painter had built it with his brush.

The point of view from which I first saw the

valley, was not *altogether*, although it was nearly, the best point from which to survey the house. I will therefore describe it as I afterwards saw it—from a position on the stone wall at the southern extreme of the amphitheatre.

The main building was about twenty-four feet long and sixteen broad—certainly not more. Its total height, from the ground to the apex of the roof, could not have exceeded eighteen feet. To the west end of this structure was attached one about a third smaller in all its proportions:—the line of its front standing back about two yards from that of the larger house; and the line of its roof, of course, being considerably depressed below that of the roof adjoining. At right angles to these buildings, and from the rear of the main one—not exactly in the middle—extended a third compartment, very small—being, in general, one third less than the western wing. The roofs of the two larger were very steep—sweeping down from the ridge-beam with a long concave curve, and extending at least four feet beyond the walls in front, so as to form the roofs of two piazzas. These latter roofs, of course, needed no support; but as they had the *air* of needing it, slight and perfectly plain pillars were inserted at the corners alone. The roof of the northern wing was merely an extension of a portion of the main roof. Between the chief building and western wing arose a very tall and rather slender square chimney of hard Dutch bricks, alternately black

and red:—a slight cornice of projecting bricks at the top. Over the gables the roofs also projected very much:—in the main building about four feet to the east and two to the west. The principal door was not exactly in the main division, being a little to the east—while the two windows were to the west. These latter did not extend to the floor, but were much longer and narrower than usual—they had single shutters like doors—the panes were of lozenge form, but quite large. The door itself had its upper half of glass, also in lozenge panes—a moveable shutter secured it at night. The door to the west wing was in its gable, and quite simple—a single window looked out to the south. There was no external door to the north wing, and it also had only one window to the east.

The blank wall of the eastern gable was relieved by stairs (with a balustrade) running diagonally across it—the ascent being from the south. Under cover of the widely projecting eave these steps gave access to a door leading into the garret, or rather loft—for it was lighted only by a single window to the north, and seemed to have been intended as a store room.

The piazzas of the main building and western wing had no floors, as is usual; but at the doors and at each window, large, flat, irregular slabs of granite lay imbedded in the delicious turf, affording comfortable footing in all weather.

Excellent paths of the same material—not *nicely* adapted, but with the velvety sod filling frequent intervals between the stones, led hither and thither from the house, to a crystal spring about five paces off, to the road, or to one or two out-houses that lay to the north, beyond the brook, and were thoroughly concealed by a few locusts and catalpas.

Not more than six steps from the main door of the cottage stood the dead trunk of a fantastic pear-tree, so clothed from head to foot in the gorgeous bignonia blossoms that one required no little scrutiny to determine what manner of sweet thing it could be. From various arms of this tree hung cages of different kinds. In one, a large wicker cylinder with a ring at top, revelled a mocking bird; in another an oriole; in a third the impudent bobolink—while three or four more delicate prisons were loudly vocal with canaries.

The pillars of the piazza were enwreathed in jasmine and sweet honeysuckle; while from the angle formed by the main structure and its west wing, in front, sprang a grape-vine of unexampled luxuriance. Scorning all restraint, it had clambered first to the lower roof—then to the higher; and along the ridge of this latter it continued to writhe on, throwing out tendrils to the right and left, until at length it fairly attained the east gable, and fell trailing over the stairs.

The whole house, with its wings, was con-

structed of the old-fashioned Dutch shingles—broad, and with unrounded corners. It is a peculiarity of this material to give houses built of it the appearance of being wider at bottom than at top—after the manner of Egyptian architecture; and in the present instance, this exceedingly picturesque effect was aided by numerous pots of gorgeous flowers that almost encompassed the base of the buildings.

The shingles were painted a dull gray; and the happiness with which this neutral tint melted into the vivid green of the tulip tree leaves that partially overshadowed the cottage, can readily be conceived by an artist.

From the position near the stone wall, as described, the buildings were seen at great advantage—for the south-eastern angle was thrown forward—so that the eye took in at once the whole of the two fronts, with the picturesque eastern gable, and at the same time obtained just a sufficient glimpse of the northern wing, with parts of a pretty roof to the spring-house, and nearly half of a light bridge that spanned the brook in the near vicinity of the main buildings.

I did not remain very long on the brow of the hill, although long enough to make a thorough survey of the scene at my feet. It was clear that I had wandered from the road to the village, and I had thus good travellers' excuse to open the gate before me, and inquire my way, at all events; so, without more ado, I proceeded.

The road, after passing the gate, seemed to lie upon a natural ledge, sloping gradually down along the face of the north-eastern cliffs. It led me on to the foot of the northern precipice, and thence over the bridge, round by the eastern gable to the front door. In this progress, I took notice that no sight of the outhouses could be obtained.

As I turned the corner of the gable, the mastiff bounded towards me in stern silence, but with the eye and the whole air of a tiger. I held him out my hand, however, in token of amity—and I never yet knew the dog who was proof against such an appeal to his courtesy. He not only shut his mouth and wagged his tail, but absolutely offered me his paw—afterward extending his civilities to Ponto.

As no bell was discernible, I rapped with my stick against the door, which stood half open. Instantly a figure advanced to the threshold—that of a young woman about twenty-eight years of age—slender, or rather slight, and somewhat above the medium height. As she approached, with a certain *modest decision* of step altogether indescribable, I said to myself, "Surely here I have found the perfection of natural, in contradistinction from artificial *grace*." The second impression which she made on me, but by far the more vivid of the two, was that of *enthusiasm*. So intense an expression of *romance*, perhaps I should call it, or of unworldliness, as that which gleamed from her

deep-set eyes, had never so sunk into my heart of hearts before. I know not how it is, but this peculiar expression of the eye, wreathing itself occasionally into the lips, is the most powerful, if not absolutely the *sole* spell, which rivets my interest in woman. "*Romance,*" provided my readers fully comprehend what I would here imply by the word—"romance" and "womanliness" seem to me convertible terms: and, after all, what man truly *loves* in woman, is simply, her *womanhood.* The eyes of Annie (I heard some one from the interior call her "Annie, darling!") were "spiritual gray;" her hair, a light chestnut: this is all I had time to observe of her.

At her most courteous of invitations, I entered—passing first into a tolerably wide vestibule. Having come mainly to *observe,* I took notice that to my right as I stepped in, was a window, such as those in front of the house; to the left, a door leading into the principal room; while, opposite me, an *open* door enabled me to see a small apartment, just the size of the vestibule, arranged as a study, and having a large *bow* window looking out to the north.

Passing into the parlor, I found myself with *Mr. Landor*—for this, I afterwards found, was his name. He was civil, even cordial in his manner; but just then, I was more intent on observing the arrangements of the dwelling which had so much interested me, than the personal appearance of the tenant.

The north wing, I now saw, was a bed-chamber; its door opened into the parlor. West of this door was a single window, looking toward the brook. At the west end of the parlor, were a fire-place, and a door leading into the west wing—probably a kitchen.

Nothing could be more rigorously simple than the furniture of the parlor. On the floor was an ingrain carpet, of excellent texture—a white ground, spotted with small circular green figures. At the windows were curtains of snowy white jaconet muslin: they were tolerably full, and hung *decisively*, perhaps rather formally in sharp, parallel plaits to the floor—*just* to the floor. The walls were prepared with a French paper of great delicacy, a silver ground, with a faint green cord running zig-zag throughout. Its expanse was relieved merely by three of Julien's exquisite lithographs *à trois crayons*, fastened to the wall without frames. One of these drawings was a scene of Oriental luxury, or rather voluptuousness; another was a "carnival piece," spirited beyond compare; the third was a Greek female head—a face so divinely beautiful, and yet of an expression so provokingly indeterminate, never before arrested my attention.

The more substantial furniture consisted of a round table, a few chairs (including a large rocking-chair), and a sofa, or rather "settee"; its material was plain maple painted a creamy white, slightly interstriped with green—the

seat of cane. The chairs and table were "to match"; but the *forms* of all had evidently been designed by the same brain which planned "the grounds"; it is impossible to conceive any thing more graceful.

On the table were a few books; a large, square, crystal bottle of some novel perfume; a plain, ground glass *astral* (not solar) lamp, with an Italian shade; and a large vase of resplendently-blooming flowers. Flowers indeed of gorgeous colors and delicate odor formed the sole mere *decoration* of the apartment. The fire-place was nearly filled with a vase of brilliant geranium. On a triangular shelf in each angle of the room stood also a similar vase, varied only as to its lovely contents. One or two smaller *bouquets* adorned the mantel; and late violets clustered about the open windows.

It is not the purpose of this work to do more than give, in detail, a picture of Mr. Landor's residence—*as I found it.*

WILLIAM WILSON.

What say of it? what say CONSCIENCE grim,
That spectre in my path?

—*Chamberlain's Pharronida.*

LET me call myself, for the present, William Wilson. The fair page now lying before me need not be sullied with my real appellation. This has been already too much an object for the scorn—for the horror—for the detestation of my race. To the uttermost regions of the globe have not the indignant winds bruited its unparalleled infamy? Oh, outcast of all outcasts most abandoned!—to the earth art thou not for ever dead? to its honors, to its flowers, to its golden aspirations?—and a cloud, dense, dismal, and limitless, does it not hang eternally between thy hopes and heaven?

I would not, if I could, here or to-day, embody a record of my later years of unspeakble misery and unpardonable crime. This epoch —these later years—took unto themselves a sudden elevation in turpitude, whose origin alone it is my present purpose to assign. Men usually grow base by degrees. From me, in an instant, all virtue dropped bodily as a mantle. From comparatively trivial wickedness I passed, with

the stride of a giant, into more than the enormities of an Elah-Gabalus. What chance—what one event brought this evil thing to pass, bear with me while I relate. Death approaches; and the shadow which foreruns him has thrown a softening influence over my spirit. I long, in passing through the dim valley, for the sympathy—I had nearly said for the pity—of my fellow men. I would fain have them believe that I have been, in some measure, the slave of circumstances beyond human control. I would wish them to seek out for me, in the details I am about to give, some little oasis of *fatality* amid a wilderness of error. I would have them allow—what they cannot refrain from allowing—that, although temptation may have erewhile existed as great, man was never *thus*, at least, tempted before—certainly, never *thus* fell. And is it therefore that he has never thus suffered? Have I not indeed been living in a dream? And am I not now dying a victim to the horror and the mystery of the wildest of all sublunary visions?

I am the descendant of a race whose imaginative and easily excitable temperament has at all times rendered them remarkable; and, in my earliest infancy, I gave evidence of having fully inherited the family character. As I advanced in years it was more strongly developed; becoming, for many reasons, a cause of serious disquietude to my friends, and of positive injury to myself. I grew self-willed, ad-

dicted to the wildest caprices, and a prey to the most ungovernable passions. Weak-minded, and beset with constitutional infirmities akin to my own, my parents could do but little to check the evil propensities which distinguished me. Some feeble and ill-directed efforts resulted in complete failure on their part, and, of course, in total triumph on mine. Thenceforward my voice was a household law; and at an age when few children have abandoned their leading-strings, I was left to the guidance of my own will, and became, in all but name, the master of my own actions.

My earliest recollections of a school-life, are connected with a large, rambling, Elizabethan house, in a misty-looking village of England, where were a vast number of gigantic and gnarled trees, and where all the houses were excessively ancient. In truth, it was a dream-like and spirit-soothing place, that venerable old town. At this moment, in fancy, I feel the refreshing chilliness of its deeply-shadowed avenues, inhale the fragrance of its thousand shrubberies, and thrill anew with undefinable delight, at the deep hollow note of the church-bell, breaking, each hour, with sullen and sudden roar, upon the stillness of the dusky atmosphere in which the fretted Gothic steeple lay imbedded and asleep.

It gives me, perhaps, as much of pleasure as I can now in any manner experience, to dwell upon minute recollections of the school and its

concerns. Steeped in misery as I am—misery, alas! only too real—I shall be pardoned for seeking relief, however slight and temporary, in the weakness of a few rambling details. These, moreover, utterly trivial, and even ridiculous in themselves, assume, to my fancy, adventitious importance, as connected with a period and a locality when and where I recognize the first ambiguous monitions of the destiny which afterward so fully overshadowed me. Let me then remember.

The house, I have said, was old and irregular. The grounds were extensive, and a high and solid brick wall, topped with a bed of mortar and broken glass, encompassed the whole. This prison-like rampart formed the limit of our domain; beyond it we saw but thrice a week —once every Saturday afternoon, when, attended by two ushers, we were permitted to take brief walks in a body through some of the neighboring fields—and twice during Sunday, when we were paraded in the same formal manner to the morning and evening service in the one church of the village. Of this church the principal of our school was pastor. With how deep a spirit of wonder and perplexity was I wont to regard him from our remote pew in the gallery, as, with step solemn and slow, he ascended the pulpit! This reverend man, with countenance so demurely benign, with robes so glossy and so clerically flowing, with wig so minutely powdered, so rigid and so vast,—

could this be he who, of late, with sour visage, and in snuffy habiliments, administered, ferule in hand, the Draconian Laws of the academy? Oh, gigantic paradox, too utterly monstrous for solution!

At an angle of the ponderous wall frowned a more ponderous gate. It was riveted and studded with iron bolts, and surmounted with jagged iron spikes. What impressions of deep awe did it inspire! It was never opened save for the three periodical egressions and ingressions already mentioned; then, in every creak of its mighty hinges, we found a plentitude of mystery—a world of matter for solemn remark, or for more solemn meditation.

The extensive enclosure was irregular in form, having many capacious recesses. Of these, three or four of the largest constituted the play-ground. It was level, and covered with fine hard gravel. I well remember it had no trees, nor benches, nor any thing similar within it. Of course it was in the rear of the house. In front lay a small parterre, planted with box and other shrubs, but through this sacred division we passed only upon rare occasions indeed—such as a first advent to school or final departure thence, or perhaps, when a parent or friend having called for us, we joyfully took our way home for the Christmas or Midsummer holidays.

But the house!—how quaint an old building was this!—to me how veritable a palace of

enchantment! There was really no end to its windings—to its incomprehensible subdivisions. It was difficult, at any given time, to say with certainty upon which of its two stories one happened to be. From each room to every other there were sure to be found three or four steps either in ascent or descent. Then the lateral branches were innumerable—inconceivable—and so returning in upon themselves, that our most exact ideas in regard to the whole mansion were not very far different from those with which we pondered upon infinity. During the five years of my residence here, I was never able to ascertain with precision, in what remote locality lay the little sleeping apartment assigned to myself and some eighteen or twenty other scholars.

The school-room was the largest in the house—I could not help thinking, in the world. It was very long, narrow, and dismally low, with pointed Gothic windows and a ceiling of oak. In a remote and terror-inspiring angle was a square enclosure of eight or ten feet, comprising the *sanctum*, "during hours," of our principal, the Reverend Dr. Bransby. It was a solid structure, with massy door, sooner than open which in the absence of the "Dominie," we would all have willingly perished by the *peine forte et dure*. In other angles were two other similar boxes, far less reverenced, indeed, but still greatly matters of awe. One of these was the pulpit of the "classical" usher, one of the

"English and mathematical." Interspersed about the room, crossing and recrossing in endless irregularity, were innumerable benches and desks, black, ancient, and time-worn, piled desperately with much bethumbed books, and so beseamed with initial letters, names at full length, grotesque figures, and other multiplied efforts of the knife, as to have entirely lost what little of original form might have been their portion in days long departed. A huge bucket with water stood at one extremity of the room, and a clock of stupendous dimensions at the other.

Encompassed by the mas y walls of this venerable academy, I passed, yet not in tedium or disgust, the years of the third lustrum of my life. The teeming brain of childhood requires no external world of incident to occupy or amuse it; and the apparently dismal monotony of a school was replete with more intense excitement than my riper youth has derived from luxury, or my full manhood from crime. Yet I must believe that my first mental development had in it much of the uncommon—even much of the *outré*. Upon mankind at large the events of very early existence rarely leave in mature age any definite impression. All is gray shadow—a weak and irregular remembrance—an indistinct regathering of feeble pleasures and phantasmagoric pains. With me this is not so. In childhood I must have felt with the energy of a man what I now find

stamped upon memory in lines as vivid, as deep, and as durable as the *exergues* of the Carthaginian medals.

Yet in fact—in the fact of the world's view—how little was there to remember! The morning's awakening, the nightly summons to bed; the connings, the recitations; the periodical half-holidays, and perambulations; the playground, with its broils, its pastimes, its intrigues;—these, by a mental sorcery long forgotten, were made to involve a wilderness of sensation, a world of rich incident, an universe of varied emotion, of excitement, the most passionate and spirit-stirring. *"Oh, le bon temps, que ce siècle de fer!"*

In truth, the ardor, the enthusiasm, and the imperiousness of my disposition, soon rendered me a marked character among my schoolmates, and by slow, but natural gradations, gave me an ascendancy over all not greatly older than myself;—over all with a single exception. This exception was found in the person of a scholar, who, although no relation, bore the same christian and surname as myself;—a circumstance, in fact, little remarkable; for notwithstanding a noble descent, mine was one of those every-day appellations which seem, by prescriptive right, to have been, time out of mind, the common property of the mob. In this narrative I have therefore designated myself as William Wilson,—a fictitious title not very dissimilar to the real. My namesake alone, of those who in

school phraseology constituted "our set," presumed to compete with me in the studies of the class—in the sports and broils of the playground—to refuse implicit belief in my assertions, and submission to my will—indeed, to interfere with my arbitrary dictation in any respect whatsoever. If there is on earth a supreme and unqualified despotism, it is the despotism of a master-mind in boyhood over the less energetic spirits of its companions.

Wilson's rebellion was to me a source of the greatest embarrassment; the more so as, in spite of the bravado with which in public I made a point of treating him and his pretensions, I secretly felt that I feared him, and could not help thinking the equality which he maintained so easily with myself, a proof of his true superiority; since not to be overcome cost me a perpetual struggle. Yet this superiority—even this equality—was in truth acknowledged by no one but myself; our associates, by some unaccountable blindness, seemed not even to suspect it. Indeed, his competition, his resistance, and especially his impertinent and dogged interference with my purposes, were not more pointed than private. He appeared to be destitute alike of the ambition which urged, and of the passionate energy of mind which enabled me to excel. In his rivalry he might have been supposed actuated solely by a whimsical desire to thwart, astonish, or mortify myself; although there were times when I could not help observ-

ing, with a feeling made up of wonder, abasement, and pique, that he mingled with his injuries, his insults, or his contradictions, a certain most inappropriate, and assuredly most unwelcome *affectionateness* of manner. I could only conceive this singular behavior to arise from a consummate self-conceit assuming the vulgar airs of patronage and protection.

Perhaps it was this latter trait in Wilson's conduct, conjoined with our identity of name, and the mere accident of our having entered the school upon the same day, which set afloat the notion that we were brothers, among the senior classes in the academy. These do not usually inquire with much strictness into the affairs of their juniors. I have before said, or should have said, that Wilson was not, in a most remote degree, connected with my family. But assuredly if we *had* been brothers we must have been twins; for, after leaving Dr. Bransby's, I casually learned that my namesake was born on the nineteenth of January, 1813—and this is a somewhat remarkable coincidence; for the day is precisely that of my own nativity.

It may seem strange that in spite of the continual anxiety occasioned me by the rivalry of Wilson, and his intolerable spirit of contradiction, I could not bring myself to hate him altogether. We had, to be sure, nearly every day a quarrel in which, yielding me publicly the palm of victory, he, in some manner, contrived to make me feel that it was he who had de-

served it; yet a sense of pride on my part, and a veritable dignity on his own, kept us always upon what are called "speaking terms," while there were many points of strong congeniality in our tempers, operating to awake in me a sentiment which our position alone, perhaps, prevented from ripening into friendship. It is difficult, indeed, to define, or even to describe, my real feelings toward him. They formed a motley and heterogeneous admixture;—some petulant animosity, which was not yet hatred, some esteem, more respect, much fear, with a world of uneasy curiosity. To the moralist it will be necessary to say, in addition, that Wilson and myself were the most inseparable of companions.

It was no doubt the anomalous state of affairs existing between us, which turned all my attacks upon him, (and there were many, either open or covert) into the channel of banter or practical joke (giving pain while assuming the aspect of mere fun) rather than into a more serious and determined hostility. But my endeavors on this head were by no means uniformly successful, even when my plans were the most wittily concocted; for my namesake had much about him, in character, of that unassuming and quiet austerity which, while enjoying the poignancy of its own jokes, has no heel of Achilles in itself, and absolutely refuses to be laughed at. I could find, indeed, but one vulnerable point, and that, lying in a personal

peculiarity, arising, perhaps, from constitutional disease, would have been spared by any antagonist less at his wit's end than myself;—my rival had a weakness in the facial or guttural organs, which precluded him from raising his voice at any time *above a very low whisper.* Of this defect I did not fail to take what poor advantage lay in my power.

Wilson's retaliations in kind were many; and there was one form of his practical wit that disturbed me beyond measure. How his sagacity first discovered at all that so petty a thing would vex me, is a question I never could solve; but having discovered, he habitually practised the annoyance. I had always felt aversion to my uncourtly patronymic, and its very common, if not plebeian prænomen. The words were venom in my ears; and when, upon the day of my arrival, a second William Wilson came also to the academy, I felt angry with him for bearing the name, and doubly disgusted with the name because a stranger bore it, who would be the cause of its twofold repetition, who would be constantly in my presence, and whose concerns, in the ordinary routine of the school business, must inevitably, on account of the detestable coincidence, be often confounded with my own.

The feeling of vexation thus engendered grew stronger with every circumstance tending to show resemblance, moral or physical, between my rival and myself. I had not then discov-

ered the remarkable fact that we were of the same age; but I saw that we were of the same height, and I perceived that we were even singularly alike in general contour of person and outline of feature. I was galled, too, by the rumor touching a relationship, which had grown current in the upper forms. In a word, nothing could more seriously disturb me, (although I scrupulously concealed such disturbance,) than any allusion to a similarity of mind, person, or condition existing between us. But, in truth, I had no reason to believe that (with the exception of the matter of relationship, and in the case of Wilson himself,) this similarity had ever been made a subject of comment, or even observed at all by our schoolfellows. That *he* observed it in all its bearings, and as fixedly as I, was apparent; but that he could discover in such circumstances so fruitful a field of annoyance, can only be attributed, as I said before, to his more than ordinary penetration.

His cue, which was to perfect an imitation of myself, lay both in words and in actions; and most admirably did he play his part. My dress it was an easy matter to copy; my gait and general manner were without difficulty, appropriated; in spite of his constitutional defect, even my voice did not escape him. My louder tones were, of course, unattempted, but then the key, —it was identical; *and his singular whisper, it grew the very echo of my own.*

How greatly this most exquisite portraiture

harassed me (for it could not justly be termed a caricature), I will not now venture to describe. I had but one consolation—in the fact that the imitation, apparently, was noticed by myself alone, and that I had to endure only the knowing and strangely sarcastic smiles of my namesake himself. Satisfied with having produced in my bosom the intended effect, he seemed to chuckle in secret over the sting he had inflicted, and was characteristically disregardful of the public applause which the success of his witty endeavors might have so easily elicited. That the school, indeed, did not feel his design, perceive its accomplishment, and participate in his sneer, was, for many anxious months, a riddle I could not resolve. Perhaps the *gradation* of his copy rendered it not readily perceptible; or, more possibly, I owed my security to the masterly air of the copyist, who, disdaining the letter (which in a painting is all the obtuse can see), gave but the full spirit of his original for my individual contemplation and chagrin.

I have already more than once spoken of the disgusting air of patronage which he assumed toward me, and of his frequent officious interference with my will. This interference often took the ungracious character of advice; advice not openly given, but hinted or insinuated. I received it with a repugnance which gained strength as I grew in years. Yet, at this distant day, let me do him the simple justice to ac-

knowledge that I can recall no occasion when the suggestions of my rival were on the side of those errors or follies so usual to his immature age and seeming inexperience; that his moral sense, at least, if not his general talents and worldly wisdom, was far keener than my own; and that I might, to-day, have been a better and thus a happier man, had I less frequently rejected the counsels embodied in those meaning whispers which I then but too cordially hated and too bitterly despised.

As it was I at length grew restive in the extreme under his distasteful supervision, and daily resented more and more openly, what I considered his intolerable arrogance. I have said that, in the first years of our connection as schoolmates, my feelings in regard to him might have been easily ripened into friendship; but, in the latter months of my residence at the academy, although the intrusion of his ordinary manner had, beyond doubt, in some measure, abated, my sentiments, in nearly similar proportion, partook very much of positive hatred. Upon one occasion he saw this, I think, and afterward avoided, or made a show of avoiding me.

It was about the same period, if I remember aright, that, in an altercation of violence with him, in which he was more than usually thrown off his guard, and spoke and acted with an openness of demeanor rather foreign to his nature, I discovered, or fancied I discovered, in his

accent, in his air, and general appearance, a something which first startled, and then deeply interested me, by bringing to mind dim visions of my earliest infancy—wild, confused, and thronging memories of a time when memory herself was yet unborn. I cannot better describe the sensation which oppressed me, than by saying that I could with difficulty shake off the belief of my having been acquainted with the being who stood before me, at some epoch very long ago—some point of the past even infinitely remote. The delusion, however, faded rapidly as it came; and I mention it at all but to define the day of the last conversation I there held with my singular namesake.

The huge old house, with its countless subdivisions, had several large chambers communicating with each other, where slept the greater number of the students. There were, however (as must necessarily happen in a building so awkwardly planned), many little nooks or recesses, the odds and ends of the structure; and these the economic ingenuity of Dr. Bransby had also fitted up as dormitories; although, being the merest closets, they were capable of accommodating but a single individual. One of these small apartments was occupied by Wilson.

One night, about the close of my fifth year at the school, and immediately after the altercation just mentioned, finding every one wrapped in sleep, I arose from bed, and, lamp

in hand, stole through a wilderness of narrow passages, from my own bedroom to that of my rival. I had long been plotting one of those ill-natured pieces of practical wit at his expense in which I had hitherto been so uniformly unsuccessful. It was my intention, now, to put my scheme in operation and I resolved to make him feel the whole extent of the malice with which I was imbued. Having reached his closet, I noiselessly entered, leaving the lamp, with a shade over it, on the outside. I advanced a step and listened to the sound of his tranquil breathing. Assured of his being asleep, I returned, took the light, and with it again approached the bed. Close curtains were around it, which, in the prosecution of my plan, I slowly and quietly withdrew, when the bright rays fell vividly upon the sleeper, and my eyes at the same moment, upon his countenance. I looked:—and a numbness, an iciness of feeling instantly pervaded my frame. My breast heaved, my knees tottered, my whole spirit became possessed with an abjectless yet intolerable horror. Gasping for breath, I lowered the lamp in still nearer proximity to the face. Were these—*these* the lineaments of William Wilson? I saw, indeed, that they were his, but I shook as if with a fit of the ague, in fancying they were not. What *was* there about them to confound me in this manner? I gazed:—while my brain reeled with a multitude of incoherent thoughts. Not thus he appeared—assuredly not

thus—in the vivacity of his waking hours. The same name! the same contour of person! the same day of arrival at the academy! And then his dogged and meaningless imitation of my gait, my voice, my habits, and my manner! Was it, in truth, within the bounds of human possibility, that *what I now saw* was the result, merely, of the habitual practice of this sarcastic imitation? Awe-stricken, and with a creeping shudder, I extinguished the lamp, passed silently from the chamber, and left, at once, the halls of that old academy, never to enter them again.

After a lapse of some months, spent at home in mere idleness, I found myself a student at Eton. The brief interval had been sufficient to enfeeble my remembrance of the events at Dr. Bransby's, or at least to effect a material change in the nature of the feelings with which I remembered them. The truth—the tragedy—of the drama was no more. I could now find room to doubt the evidence of my senses; and seldom called up the subject at all but with wonder at the extent of human credulity, and a smile at the vivid force of the imagination which I hereditarily possessed. Neither was this species of skepticism likely to be diminished by the character of the life I led at Eton. The vortex of thoughtless folly into which I there so immediately and so recklessly plunged, washed away all but the froth of my past hours, ingulfed at once every solid or serious impres-

sion, and left to memory only the veriest levities of a former existence.

I do not wish, however, to trace the course of my miserable profligacy here—a profligacy which set at defiance the laws, while it eluded the vigilance of the institution. Three years of folly, passed without profit, had but given me rooted habits of vice, and added, in a somewhat unusual degree, to my bodily stature, when, after a week of soulless dissipation, I invited a small party of the most dissolute students to a secret carousal in my chambers. We met at a late hour of the night: for our debaucheries were to be faithfully protracted until morning. The wine flowed freely, and there were not wanting other and perhaps more dangerous seductions; so that the gray dawn had already faintly appeared in the east while our delirious extravagance was at its height. Madly flushed with cards and intoxication, I was in the act of insisting upon a toast of more than wonted profanity, when my attention was suddenly diverted by the violent, although partial, unclosing of the door of the apartment, and by the eager voice of a servant from without. He said that some person, apparently in great haste, demanded to speak with me in the hall.

Wildly excited with wine, the unexpected interruption rather delighted than surprised me. I staggered forward at once, and a few steps brought me to the vestibule of the building. In this low and small room there hung no lamp;

and now no light at all was admitted, save that of the exceedingly feeble dawn which made its way through the semi-circular window. As I put my foot over the threshold, I became aware of the figure of a youth about my own height, and habited in a white kerseymere morning frock, cut in the novel fashion of the one I myself wore at the moment. This the faint light enabled me to perceive; but the features of his face I could not distinguish. Upon my entering, he strode hurriedly up to me, and, seizing me by the arm with a gesture of petulant impatience, whispered the words "William Wilson" in my ear.

I grew perfectly sober in an instant.

There was that in the manner of the stranger, and in the tremulous shake of his uplifted finger, as he held it between my eyes and the light, which filled me with unqualified amazement; but it was not this which had so violently moved me. It was the pregnancy of solemn admonition in the singular, low, hissing utterance; and, above all, it was the character, the tone, *the key,* of those few, simple, and familiar, yet *whispered* syllables, which came with a thousand thronging memories of by-gone days, and struck upon my soul with the shock of a galvanic battery. Ere I could recover the use of my senses he was gone.

Although this event failed not of a vivid effect upon my disordered imagination, yet was it evanescent as vivid. For some weeks, indeed,

I busied myself in earnest enquiry, or was wrapped in a cloud of morbid speculation. I did not pretend to disguise from my perception the identity of the singular individual who thus perseveringly interfered with my affairs, and harassed me with his insinuated counsel. But who and what was this Wilson?—and whence came he?—and what were his purposes? Upon neither of these points could I be satisfied—merely ascertaining, in regard to him, that a sudden accident in his family had caused his removal from Dr. Bransby's academy on the afternoon of the day in which I myself had eloped. But in a brief period I ceased to think upon the subject, my attention being all absorbed in a contemplated departure for Oxford. Thither I soon went, the uncalculating vanity of my parents furnishing me with an outfit and annual establishment, which would enable me to indulge at will in the luxury already so dear to my heart—to vie in profuseness of expenditure with the haughtiest heirs of the wealthiest earldoms in Great Britain.

Excited by such appliances to vice, my constitutional temperament broke forth with redoubled ardor, and I spurned even the common restraints of decency in the mad infatuation of my revels. But it were absurd to pause in the detail of my extravagance. Let it suffice, that among spendthrifts I out-Heroded Herod, and that, giving name to a multitude of novel follies, I added no brief appendix to the long cata-

logue of vices then usual in the most dissolute university of Europe.

It could hardly be credited, however, that I had, even here, so utterly fallen from the gentlemanly estate, as to seek acquaintance with the vilest arts of the gambler by profession, and, having become an adept in his despicable science, to practice it habitually as a means of increasing my already enormous income at the expense of the weak-minded among my fellow-collegians. Such, nevertheless, was the fact. And the very enormity of this offence against all manly and honorable sentiment proved, beyond doubt, the main if not the sole reason of the impunity with which it was committed. Who, indeed, among my most abandoned associates, would not rather have disputed the clearest evidence of his senses, than have suspected of such courses, the gay, the frank, the generous William Wilson—the noblest and most liberal commoner at Oxford—him whose follies (said his parasites) were but the follies of youth and unbridled fancy—whose errors but inimitable whim—whose darkest vice but a careless and dashing extravagance?

I had been now two years successfully busied in this way, when there came to the university a young *parvenu* nobleman, Glendenning—rich, said report, as Herodes Atticus—his riches, too, as easily acquired. I soon found him of weak intellect, and, of course, marked him as a fitting subject for my skill. I frequently engaged

him in play, and contrived, with the gambler's usual art, to let him win considerable sums, the more effectually to entangle him in my snares. At length, my schemes being ripe, I met him (with the full intention that this meeting should be final and decisive) at the chambers of a fellow-commoner (Mr. Preston), equally intimate with both, but who, to do him justice, entertained not even a remote suspicion of my design. To give to this a better coloring, I had contrived to have assembled a party of some eight or ten, and was solicitously careful that the introduction of cards should appear accidental, and originate in the proposal of my contemplated dupe himself. To be brief upon a vile topic, none of the low finesse was omitted, so customary upon similar occasions, that it is a just matter for wonder how any are still found so besotted as to fall its victim.

We had protracted our sitting far into the night, and I had at length effected the manœuvre of getting Glendenning as my sole antagonist. The game, too, was my favorite *écarté*. The rest of the company, interested in the extent of our play, had abandoned their own cards, and were standing around us as spectators. The *parvenu*, who had been induced by my artifices in the early part of the evening, to drink deeply, now shuffled, dealt, or played, with a wild nervousness of manner for which his intoxication, I thought, might partially, but could not altogether account. In a very short

period he had become my debtor to a large amount, when, having taken a long draught of port, he did precisely what I had been coolly anticipating—he proposed to double our already extravagant stakes. With a well-feigned show of reluctance, and not until after my repeated refusal had seduced him into some angry words which gave a color of *pique* to my compliance, did I finally comply. The result, of course, did but prove how entirely the prey was in my toils: in less than an hour he had quadrupled his debt. For some time his countenance had been losing the florid tinge lent it by the wine; but now, to my astonishment, I perceived that it had grown to a pallor truly fearful. I say, to my astonishment. Glendenning had been represented to my eager inquiries as immeasurably wealthy; and the sums which he had as yet lost, although in themselves vast, could not, I supposed, very seriously annoy, much less so violently affect him. That he was overcome by the wine just swallowed, was the idea which most readily presented itself; and, rather with a view to the preservation of my own character in the eyes of my associates, than from any less interested motive, I was about to insist, peremptorily, upon a discontinuance of the play, when some expressions at my elbow from among the company, and an ejaculation evincing utter despair on the part of Glendenning, gave me to understand that I had effected his total ruin under circumstances which, rendering him an

object for the pity of all, should have protected him from the ill offices even of a fiend.

What now might have been my conduct it is difficult to say. The pitiable condition of my dupe had thrown an air of embarrassed gloom over all; and, for some moments, a profound silence was maintained, during which I could not help feeling my cheeks tingle with the many burning glances of scorn or reproach cast upon me by the less abandoned of the party. I will even own that an intolerable weight of anxiety was for a brief instant lifted from my bosom by the sudden and extraordinary interruption which ensued. The wide, heavy folding doors of the apartment were all at once thrown open, to their full extent, with a vigorous and rushing impetuosity that extinguished, as if by magic, every candle in the room. Their light, in dying, enabled us just to perceive that a stranger had entered, about my own height, and closely muffled in a cloak. The darkness, however, was not total; and we could only *feel* that he was standing in our midst. Before any one of us could recover from the extreme astonishment into which this rudeness had thrown all, we heard the voice of the intruder.

"Gentlemen," he said, in a low, distinct, and never-to-be-forgotten *whisper* which thrilled to the very marrow of my bones, "Gentlemen, I make an apology for this behavior, because in thus behaving, I am fulfilling a duty. You are, beyond doubt, uninformed of the true char-

acter of the person who has to-night won at *écarté* a large sum of money from Lord Glendenning. I will therefore put you upon an expeditious and decisive plan of obtaining this very necessary information. Please to examine, at your leisure, the inner linings of the cuff of his left sleeve, and the several little packages which may be found in the somewhat capacious pockets of his embroidered morning wrapper."

While he spoke, so profound was the stillness that one might have heard a pin drop upon the floor. In ceasing, he departed at once, and as abruptly as he had entered. Can I—shall I describe my sensations? Must I say that I felt all the horrors of the damned? Most assuredly I had little time for reflection. Many hands roughly seized me upon the spot, and lights were immediately reproduced. A search ensued. In the lining of my sleeve were found all the court cards essential in *écarté,* and, in the pockets of my wrapper, a number of packs, fac-similes of those used at our sittings, with the single exception that mine were of the species called, technically, *arrondees;* the honors being slightly convex at the *dées;* the honors being slightly convex at the sides. In this disposition, the dupe who cuts, as customary, at the length of the pack, will invariably find that he cuts his antagonist an honor; while the gambler, cutting at the breadth, will, as certainly, cut nothing for his

victim which may count in the records of the game.

Any burst of indignation upon this discovery would have affected me less than the silent contempt, or the sarcastic composure, with which it was received.

"Mr. Wilson," said our host, stooping to remove from beneath his feet an exceedingly luxurious cloak of rare furs, "Mr. Wilson, this is your property." (The weather was cold; and, upon quitting my own room, I had thrown a cloak over my dressing wrapper, putting it off upon reaching the scene of play.) "I presume it is supererogatory to seek here (eyeing the folds of the garment with a bitter smile) for any farther evidence of your skill. Indeed, we have had enough. You will see the necessity, I hope, of quitting Oxford—at all events, of quitting instantly my chambers."

Abased, humbled to the dust as I then was, it is probable that I should have resented this galling language by immediate personal violence, had not my whole attention been at the moment arrested by a fact of the most startling character. The cloak which I had worn was of a rare description of fur; how rare, how extravagantly costly, I shall not venture to say. Its fashion, too, was of my own fantastic invention; for I was fastidious to an absurd degree of coxcombry, in matters of this frivolous nature. When, therefore, Mr. Preston reached me that which he had picked up upon the floor,

and near the folding-doors of the apartment, it was with an astonishment nearly bordering upon terror, that I perceived my own already hanging on my arm, (where I had no doubt unwittingly placed it,) and that the one presented me was but its exact counterpart in every, in even the minutest possible particular. The singular being who had so disastrously exposed me, had been muffled, I remembered, in a cloak; and none had been worn at all by any of the members of our party, with the exception of myself. Retaining some presence of mind, I took the one offered me by Preston; placed it, unnoticed, over my own; left the apartment with a resolute scowl of defiance; and, next morning ere dawn of day, commenced a hurried journey from Oxford to the continent, in a perfect agony of horror and of shame.

I fled in vain. My evil destiny pursued me as if in exultation, and proved, indeed, that the exercise of its mysterious dominion had as yet only begun. Scarcely had I set foot in Paris, ere I had fresh evidence of the detestable interest taken by this Wilson in my concerns. Years flew, while I experienced no relief. Villain!—at Rome, with how untimely, yet with how spectral an officiousness, stepped he in between me and my ambition! at Vienna, too—at Berlin—and at Moscow! Where, in truth, had I *not* bitter cause to curse him within my heart? From his inscrutable tyranny did I at length flee, panic-stricken, as from a pestilence;

and to the very ends of the earth *I fled in vain.*

And again, and again, in secret communion with my own spirit, would I demand the questions "Who is he?—whence came he?—and what are his objects?" But no answer was there found. And now I scrutinized, with a minute scrutiny, the forms, and the methods, and the leading traits of his impertinent supervision. But even here there was very little upon which to base a conjecture. It was noticeable, indeed, that, in no one of the multiplied instances in which he had of late crossed my path, had he so crossed it except to frustrate those schemes, or to disturb those actions, which, if fully carried out, might have resulted in bitter mischief. Poor justification this, in truth, for an authority so imperiously assumed! Poor indemnity for natural rights of self-agency so pertinaciously, so insultingly denied!

I had also been forced to notice that my tormentor, for a very long period of time, (while scrupulously and with miraculous dexterity maintaining his whim of an identity of apparel with myself,) had so contrived it, in the execution of his varied interference with my will, that I saw not, at any moment, the features of his face. Be Wilson what he might, *this*, at least, was but the veriest of affectation, or of folly. Could he, for an instant, have supposed that, in my admonisher at Eton—in the destroyer of my honor at Oxford,—in him who thwarted my ambition at Rome, my revenge at

Paris, my passionate love at Naples, or what he falsely termed my avarice in Egypt,—that in this, my arch-enemy and evil genius, I could fail to recognize the William Wilson of my school-boy days,—the name-sake, the companion, the rival,—the hated and dreaded rival at Dr. Bransby's? Impossible!—But let me hasten to the last eventful scene of the drama.

Thus far I had succumbed supinely to this imperious domination. The sentiment of deep awe with which I habitually regarded the elevated character, the majestic wisdom, the apparent omnipresence and omnipotence of Wilson, added to a feeling of even terror, with which certain other traits in his nature and assumptions inspired me, had operated, hitherto, to impress me with an idea of my own utter weakness and helplessness, and to suggest an implicit, although bitterly reluctant submission to his arbitrary will. But, of late days, I had given myself up entirely to wine; and its maddening influence upon my hereditary temper rendered me more and more impatient of control. I began to murmur,—to hesitate,—to resist. And was it only fancy which induced me to believe that, with the increase of my own firmness, that of my tormentor underwent a proportional diminution? Be this as it may, I now began to feel the inspiration of a burning hope, and at length nurtured in my secret

thoughts a stern and desperate resolution that I would submit no longer to be enslaved.

It was at Rome, during the Carnival of 18—, that I attended a masquerade in the palazzo of the Neapolitan Duke Di Broglio. I had indulged more freely than usual in the excesses of the wine-table; and now the suffocating atmosphere of the crowded rooms irritated me beyond endurance. The difficulty, too, of forcing my way through the mazes of the company contributed not a little to the ruffling of my temper; for I was anxiously seeking (let me not say with what unworthy motive) the young, the gay, the beautiful wife of the aged and doting Di Broglio. With a too unscrupulous confidence she had previously communicated to me the secret of the costume in which she would be habited, and now, having caught a glimpse of her person, I was hurrying to make my way into her presence. At this moment I felt a light hand placed upon my shoulder, and that ever-remembered, low, damnable *whisper* within my ear.

In an absolute frenzy of wrath, I turned at once upon him who had thus interrupted me, and seized him violently by the collar. He was attired, as I had expected, in a costume altogether similar to my own; wearing a Spanish cloak of blue velvet, begirt about the waist with a crimson belt sustaining a rapier. A mask of black silk entirely covered his face.

"Scoundrel!" I said, in a voice husky with

rage, while every syllable I uttered seemed as new fuel to my fury; "scoundrel! impostor! accursed villain! you shall not—you *shall not* dog me unto death! Follow me, or I stab you where you stand!"—and I broke my way from the ball-room into a small ante-chamber adjoining, dragging him unresistingly with me as I went.

Upon entering, I thrust him furiously from me. He staggered against the wall, while I closed the door with an oath, and commanded him to draw. He hesitated but for an instant; then, with a slight sigh, drew in silence, and put himself upon his defence.

The contest was brief indeed. I was frantic with every species of wild excitement, and felt within my single arm the energy and power of a multitude. In a few seconds I forced him by sheer strength against the wainscotting, and thus, getting him at mercy, plunged my sword, with brute ferocity, repeatedly through and through his bosom.

At that instant some person tried the latch of the door. I hastened to prevent an intrusion, and then immediately returned to my dying antagonist. But what human language can adequately portray *that* astonishment, *that* horror which possessed me at the spectacle then presented to view? The brief moment in which I averted my eyes had been sufficient to produce, apparently, a material change in the arrangements at the upper or farther end of the

room. A large mirror,—so at first it seemed to me in my confusion—now stood where none had been perceptible before; and as I stepped up to it in extremity of terror, mine own image, but with features all pale and dabbled in blood, advanced to meet me with a feeble and tottering gait.

Thus it appeared, I say, but was not. It was my antagonist—it was Wilson, who then stood before me in the agonies of his dissolution. His mask and cloak lay, where he had thrown them, upon the floor. Not a thread in all his raiment —not a line in all the marked and singular lineaments of his face which was not, even in the most absolute identity, *mine own!*

It was Wilson; but he spoke no longer in a whisper, and I could have fancied that I myself was speaking while he said:

"You have conquered, and I yield. Yet henceforward art thou also dead—dead to the World, to Heaven, and to Hope! In me didst thou exist—and, in my death, see by this image, which is thine own, how utterly thou hast murdered thyself."